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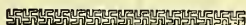
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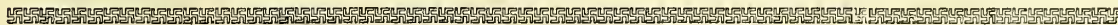
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\* \* \*

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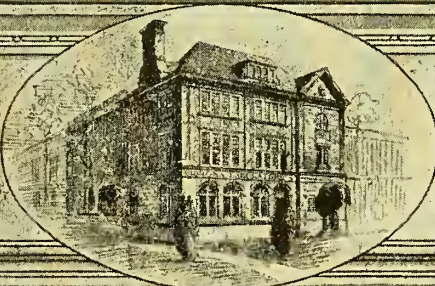
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## INDEX TO ADVERTISERS IN THIS ISSUE

The Arabic numerals (1 to 32) in this Index refer to Advertisements in the front of literary pages, the Advertisements following the literary pages are numbered in Roman numerals (i to xlv).

## For more complete Buyers' Guide see "The Chemist &amp; Druggist"

Diary, 1918.

ATKINS, Ld., Sparklets .....	xxviii	CYNTHIA MFG. Co., Hygienic Towelings .....	xxviii	KIDSTON, W. M., & Co., Gums, Petroleum	23	RUBBOK & Co., Chemists' Shopfittings Col. Supp.	xxi
BOCK MANUFACTURING Co., Plasters .....	xxxi	DALE, J., MFG. Co., Collapsible Tubes .....	24	Jellies .....	23	SACCHARIN CORPORATION, Ld., Novocain ..	xxi
CO., (STAFFORD, & SONS, Ld., Belladonna		DAMANY & Co., Chemicals, &c. .... Col. Supp.	24	KIRBY, H. & T., & Co., Ld., Pills and Tablets	xxviii	SANOEBA, Druggists' Sundries .....	xxii
SAVES .....	Cover i	DAVIS, W., Window Display Stands .....	9	KNOX-WALKER & Co., Ld., Hair Dyes .....	xxvii	SCHWETTES, Ld., Mineral Waters .....	xxviii
LANGE DRUG & CHEMICAL Co., Drugs ..	xxviii	DENNIE, J. H., & Co., Ld., Copper Sulphate	iv	KOENIG, Co., Hair Preparations .....	28	SCOTT, GREENWOOD & Co. ....	8
TERMOID QUININE WORKS, Quinine .....	xviii	DROUVAL, J., & Co., Capsules, Lozenges ..	xvi	LANG, JULIE, & SON, Medical Glassware ..	17	SCOTT'S CHEMICAL Co., Hair Dyes .....	18
LO-FRENCH DRUG Co., Ld., French Prop.	xy	DROUVAL, J., & Co., Capsules, Lozenges ..	xvi	LATHEM, WICKSTEAD & Co., Ld., Tartaric	xxviii	SHADRINE Co., Hair Dyes .....	xxvii
SON, J., Saccharin Tablets .....	Col. Supp.	DODGE & OLCOTT Co., Balsams, Essential Oils	18	LAFORTE, B. Ld., Hydrogen Peroxide .....	viii	SHERBORN, F., & Co., Suspensory Bandages	xxvii
TON, SAUNDERS & Co., Ld., Wholesale		DOLS & Co., Tablets .....	4	LAZARD-GODONIAUX Co., Ld., Chemicals, &c.	vi	SHM, Ld., Ampule Fills .....	xii
Druggists and Druggists' Sundries .....	18	DYSON, J. B. & SON, Ld. ....	16	LEAHY & ROSS, Homoeopathic Medicines ..	28	SLOO, H., DROPS .....	xv
& A. TRADING Co., .....	Col. Supp.	EELDES, WALKER & Co., Boxes .....	24	LECLERCQ & CHAMBERLAT, Cellophane .....	xxi	SMITH, MAURICE, & Co., Toilet Articles ..	8
ST. ROBT., & SON, Surgical Dressings ..	Col. Supp.	ELBY BROS., Ld., Nickel-plated Tubes, &c.	25	LECLERCQ PERFORMY Co., Perfumes, Soaps ..	18	SMITH, STANLEY & Co., Indian Drugs, &c.	xviii
SWIN MFG. Co., Ld., Toilet Cream .....	23	ELLIOTT OPTICAL Co., .....	xxv	LEVYMORE, A., & Co., Ld. ....	xxvii	SMITH, T. & H., Ld., Alkaloids, Resinoids ..	xxii
KOLA Co., Ld., Proprietary .....	iv	ELV'S COLLEGE, Educational .....	xxv	LOYD, H. O., Toilet Goods, Tablets .....	6	SOLZBERG, Liquorice .....	xxviii
KEE, SHILLAN & Co., Chemicals .....	xii	EVANS, GADD & Co., Ld., Pharmaceuticals ..	ii	LOUTHOUSE & SAITHEES, Ld., Health Salts ..	22	SOLZBERG, VITRUM DE JOSÉ, Spanish Agendes	xxviii
KEAM, THOMAS, Pills .....	xxix	EVANS SONS LSCHEER & WEBER, Ld., Chemi-		LONDON COLLEGE OF PHARMACY .....	8	SOLZBERG BROS., Ld., Corn Plasters, Puffs,	
KEAM, M., & SON, Toilet Articles .....	20	cal, Pharmaceuticals, Druggists' Sun-		LYSOL, Ld., Lysoline, &c. ....	xlv	Loofahs .....	20
KEE, J. H., & LUCAS, Ld., Pharms		dries, Serums, Savars' Cigarettes .....	xiii, xxviii	MALCOLM, D., Fruit Drink .....	xxviii	SOUTH OF ENGLAND COLLEGE OF PHARMACY	8
KEE, J. H., & LUCAS, Ld., Pharms		FARROW & Co., Glass Bottles .....	xiv	MALCOLM & Co., Isinglass and Glycerine ..	10	SPEER, ISAAC, & Co. (Aberdeen), Ld., Cod	
KEE, J. H., & LUCAS, Ld., Pharms		FARROW & JACKSON, Ld., Asbestos Filters ..	xii	MALLINCKRODT CHEMICAL WORKS (Canada)		Liver Oil .....	14
KEE, J. H., & LUCAS, Ld., Pharms		FARROW, F. H., & Co., Emulsions, Soaps ..	xiv	Ld., Canadian and American Chemicals	xxii	SQUIRE & SONS, Ld., Pharmaceuticals ..	Cover i
KEE, J. H., & LUCAS, Ld., Pharms		FERRIS & Co., Ld., Optical Preps, &c. ....	xxviii	MALMBERG, K., Saccharin .....	iv	STERN, Ld., Oils, Waxes .....	20
KEE, J. H., & LUCAS, Ld., Pharms		FERRY, T., & SON, Ld., Medical Glassware	xxviii	MANGOLD, C., & Co., Chlorates, Perchlorates	xxv	STERNUM STOPPER Co., Boxes, Stoppers ..	16
KEE, J. H., & LUCAS, Ld., Pharms		FISKE, F., & Co., Chemicals .....	xxvii	MANNING & Co., Saccharin, Catechins ..	xv	STURGE, JOHN & E., Ld., Precipitated Chalk,	
KEE, J. H., & LUCAS, Ld., Pharms		FLETCHER, FLETCHER & Co., Ld., Liquors ..	3	MAY, S., SON & SONS, Druggists' Sundries	11	Citric Acid and Citrates .....	vi
KEE, J. H., & LUCAS, Ld., Pharms		FORSYTH, E., & SON, Ld., Soap Plant .....	xxv	METER, W. H., Saccharin Tablets .....	Col. Supp.	STURGEY & SILVERLOCK, Ld., Printing ..	14
KEE, J. H., & LUCAS, Ld., Pharms		FRANKE, LEE & Co., Ld., Steriliser .....	xvi	MILLAR, A., & Co., Ld., Orange Quinine Wine	xxviii	SWALES, THOMAS, Loofahs, Corn Plaster ..	28
KEE, J. H., & LUCAS, Ld., Pharms		FRANKS FOOD Co., Ld., Foods .....	xvi	MILLS, J. (Wigan) .....	Col. Supp.	SWISS BANK CORP., Mercantile Banking ..	iv
KEE, J. H., & LUCAS, Ld., Pharms		FREEMAN BROS., Dentistry .....	xxviii	MILTON MFG. Co., Disinfectants .....	xxvii	TAPER, M. & B., Honey, Gelatine .....	xvii
KEE, J. H., & LUCAS, Ld., Pharms		FRIEDMAN, V., Chemicals .....	xxvii	MILTON MFG. Co., Copper Sulphate .....	xxvii	TEFFENHAZ & Co., Dyes .....	xii
KEE, J. H., & LUCAS, Ld., Pharms		FURBER BROS., Ld., Chemicals .....	xxvii	MORGANTO CHEMICAL WORKS, Chemicals ..	xxvii	THOMAS, B., Syrups .....	xxix
KEE, J. H., & LUCAS, Ld., Pharms		GARDNER, W., & SONS (Gloucester), Ld.,		MOODY, C., & Co. ....	xxvii	THORLEY, S., Ld., Methylated Spirit .....	24
KEE, J. H., & LUCAS, Ld., Pharms		Grinding and Mixing Machinery .....	xxv	MORSON, THOMAS, & SONS, Ld., Chemicals ..	ix	TIDMAN & SON, Ld., Sea Salt .....	20
KEE, J. H., & LUCAS, Ld., Pharms		GASTON, WILLIAMS & WIGMORE, Ld., Saccharin	x	NATURAL FOOD Co., Ld., Foods (Special) ..	x1	TITERTON & HOWARD, Brushware (all kinds)	27
KEE, J. H., & LUCAS, Ld., Pharms		XATEE, LBSLIE, Bottle Capping .....	12	NEWMAN, H. & C., Liqueur Tonio .....	1	TOLKOWSKY, S., Russian Crude Drugs, &c.	viii
KEE, J. H., & LUCAS, Ld., Pharms		GATEWOOD, DR. B. W., EXOR, Crude		NEUBOURN, SURE & Co., Ld., Casein .....	xxviii	TODD, W. Ld., Druggists' Sundries .....	27
KEE, J. H., & LUCAS, Ld., Pharms		DRUGS .....	xxvii	NORWICH CRYSTAL Co. (1856), Ld., Bandages	xxv	TOWNSEND, J., & Sons, Chemists' Printing ..	12
KEE, J. H., & LUCAS, Ld., Pharms		GIGNOUX FRERES & Co., French Specialities	xvii	ODOR CHEMICAL WORKS, Dentifrices .....	26	TRANSCONTINENTAL AGENCY, Wines .....	xii
KEE, J. H., & LUCAS, Ld., Pharms		GLEW, F. HARRISON, Radiom .....	24	OLDFIELD, PATTINSON & Co., Pharms, Preps ..	5	UNITED DRUG CO. ....	2
KEE, J. H., & LUCAS, Ld., Pharms		GODMAN, G. Ld., Toilet .....	24	OELLA, Ld. ....	24	UNIVERSITY OF BIRMINGHAM .....	8
KEE, J. H., & LUCAS, Ld., Pharms		GOWER, JOHN, Books (Secondhand, &c.) Col. Supp.		OVERIDGE & Co., Valuers .....	Col. Supp.	VAN HORN & SAWTELL, Surgical Ligatures	xxvii
KEE, J. H., & LUCAS, Ld., Pharms		GREIFF, R. W., & Co., Chemicals .....	7	OYLER'S, Ld., Rubber Goods .....	xxv	VELDT LABORATORY .....	22
KEE, J. H., & LUCAS, Ld., Pharms		HARLES, C. B., SMOOK & MORGAN, Ld., Hair		P.A.T.A. ....	Col. Supp.	VERNON & Co., Ld., Surgical Dressings, Lints	xi
KEE, J. H., & LUCAS, Ld., Pharms		Dyes, Packed Goods, Galenicals .....	22	PAOR, CHAS., & Co., Chemicals .....	xxv	VISOCCO Co., Ld., Bottle Cappings .....	24
KEE, J. H., & LUCAS, Ld., Pharms		HARLEY, T., Proprietary Salt .....	xi	PARK, DAVIS & Co., Dentifrices, Packed		WALTON, T. H., & Co., Ld. ....	Col. Supp.
KEE, J. H., & LUCAS, Ld., Pharms		HARRISON, A.W., & SONS, Printing .....	16	Pharmaceuticals, Serums, Tablets .....	xx	WANDS, Ld., Pills, Tablets .....	xi
KEE, J. H., & LUCAS, Ld., Pharms		HARRISON, GEO. W., Pomade .....	Text	PARSONS GLASS WORKS .....	xxv	WARD & GOLDSTON, Electrical Novelties ..	9
KEE, J. H., & LUCAS, Ld., Pharms		HARTING, JARG & Co., Ld. ....	29	PELLOTT, H., & Co., Cream of Tartar, &c.	iv	WASHINGTON CHEMICAL & DRUG Co., Salicylo	
KEE, J. H., & LUCAS, Ld., Pharms		HAYWOOD, J., H. Ld., Artificial Limbs,		PERRI BROS., Chemicals .....	xv	Acid .....	xxviii
KEE, J. H., & LUCAS, Ld., Pharms		Surgical Instruments .....	xxvi	PETERNO, V. A., Chemicals .....	iv	WASHINGTON CHEMICAL Co., Ld., Magnesia	
KEE, J. H., & LUCAS, Ld., Pharms		HENRY, T. & W., Calcedine Magnesia .....	xxvii	PICKARD, IVE & RANKIN, Ld., Acetyl-Salicylo		and Salts .....	Cover iv
KEE, J. H., & LUCAS, Ld., Pharms		HENWOOD, C. K., Corrugated Paper .....	29	PICKERING ALEX. S., Quicksilver .....	xxii	WATFORD MFG. Co., Ld., Turtle Extract ..	xi
KEE, J. H., & LUCAS, Ld., Pharms		HENWELT, C. J., & SONS, Ld., Pharm. Preps ..	xi	PICFOO Co., Electrical Novelties .....	xxv	WATSON & Co., Photographs .....	Col. Supp.
KEE, J. H., & LUCAS, Ld., Pharms		HIND & LUND, Ld., Pharm. Machinery .....	xxv	PILLSBURY, J., Thermometers .....	xxvii	WENKERS, Ld., Pottery Chemicals .....	xxiv
KEE, J. H., & LUCAS, Ld., Pharms		HODGES, ROWLAND, Ld., Safety Razors .....	xxvii	POULLEN, F. W., Drugs .....	xxv	WESTERN DENTAL MFG. Co., Throat Wash	xxix
KEE, J. H., & LUCAS, Ld., Pharms		HOFMEIER, L. ROCHER, Chemical Works, Ld.	vii	PRICE, A. S., & Co., Ld., Sweeteners Col. Supp.		WESTMINSTER COLLEGE OF PHARMACY ..	8
KEE, J. H., & LUCAS, Ld., Pharms		HOLLIDAY, L. B., & Co., Ld., Fine Chemicals	xxv	PRIOR'S PATENT CANDLE Co., Ld., Soaps ..	19	WHIFFEN & SONS, Ld., Emetine Salts .....	xx
KEE, J. H., & LUCAS, Ld., Pharms		HOWARD LLOYD & Co., Ld., Lanolin, Pills, &c.	2	RAWORTH, J. H., Patent Agent .....	xxvii	WHITMAN, P., & Co., Drugs and Chemicals	xvi
KEE, J. H., & LUCAS, Ld., Pharms		HOWARDS & SONS, Ld., Aspirin Tablets ..	Cover i	REDDORAVE, BUTLER & Co., Camphorated Oil		WHITAKER & Co., Hat Dyes .....	27
KEE, J. H., & LUCAS, Ld., Pharms		HUISKINO, C. L., Drugs .....	i	Base .....	Cover iii	WHITE, J. & J., Dichromates .....	xvi
KEE, J. H., & LUCAS, Ld., Pharms		HUIKERS, JULIUS, & Co., Barium Salts .....	xxv	RENDALL, W. J., Pessaries .....	xxvii	WHITE, TOMKINS & COURAGE, Ld., Hop Oil ..	xiv
KEE, J. H., & LUCAS, Ld., Pharms		INORAM, F. F., Co., Toilet Specialities .....	26	RICEFORD, C. D., Rubber Stamps .....	xxv	WILLIAMS BROS. & Co., Aniline Dyes, Chemicals	30
KEE, J. H., & LUCAS, Ld., Pharms		ISAC, C., & Co., Medical Glass Co., Col. Supp.		ROGILLON .....	xxv	WILSON, TALBOT, Corn Pencil .....	Col. Supp.
KEE, J. H., & LUCAS, Ld., Pharms		JON BROS., Cod Liver Oil (Newfoundland) ..	29	ROLLIN CHEMICAL Co. INC., Chemicals ..	xxv	WOODHEAD, J., & Co., Honey .....	xii
KEE, J. H., & LUCAS, Ld., Pharms		JOHNSON & Co. (London), Ld., Drugs .....	xx	ROSENBLATT, SAMSON, Chemicals .....	xii	WOOLLEY, JAS., SONS & Co., Ld., Galenicals,	
KEE, J. H., & LUCAS, Ld., Pharms		JOSEPH, PHILIP, & SONS, Ld., Shopfittings	9, Col. Supp.	ROSEN & Co., Drugs, Chemicals .....	xxv	Foods .....	Cover i
KEE, J. H., & LUCAS, Ld., Pharms		KAY BROS., Ld., Proprietary .....	xxv	RUD, F. M., Oils .....	18	YOTNO, G., Ld. ....	xvii
KEE, J. H., & LUCAS, Ld., Pharms		KEATINGE, THOS., Insect Powder .....	Text				

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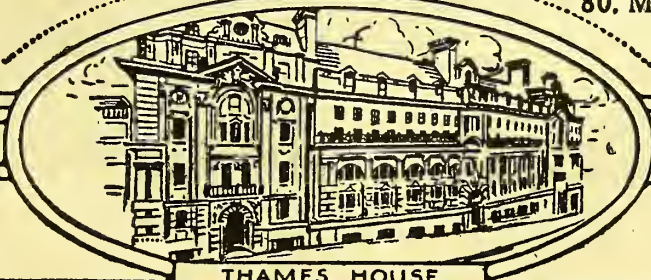
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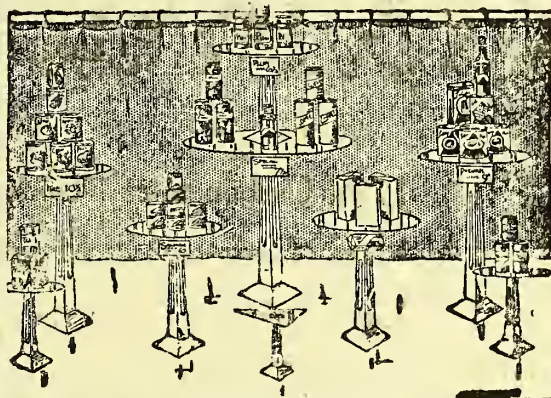
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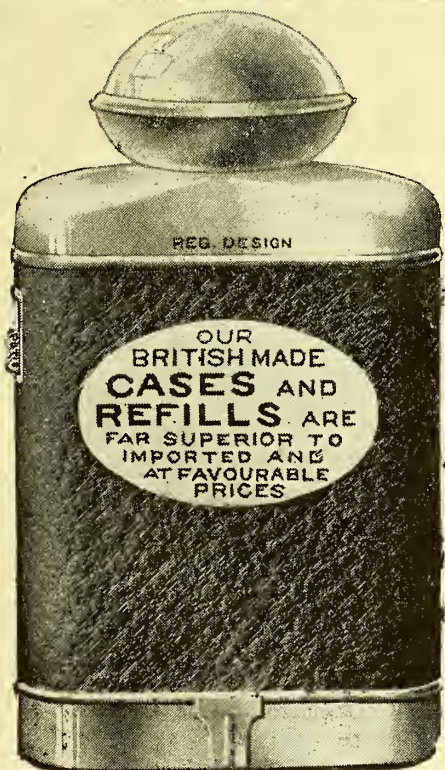
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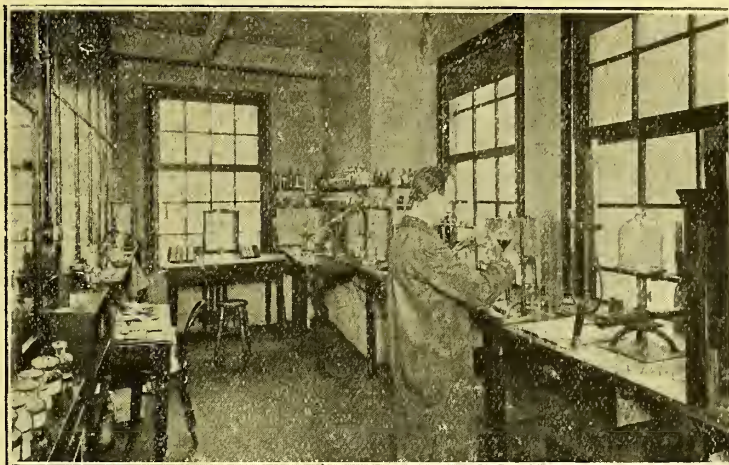
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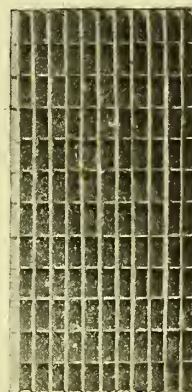
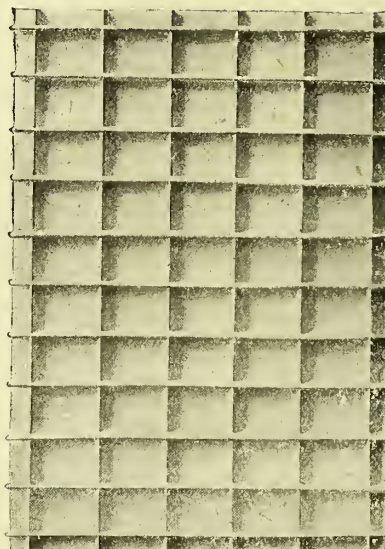


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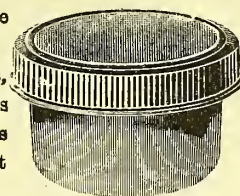
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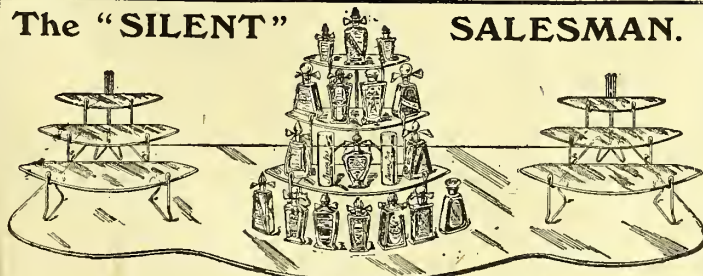
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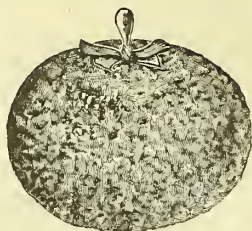
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BATTERSEA, LONDON, S.W.11







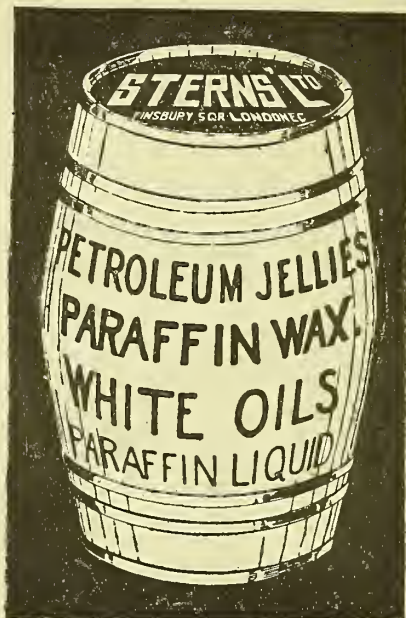
FOR

# Powder Puffs

OF EVERY KIND.

## SOLPORT BROTHERS

LIMITED,

Wholesale and Export Manufacturers of  
Druggists' Sundries and Toilet Accessories,184 to 190 GOSWELL ROAD  
LONDON, E.C.1.

## STERN'S LIMITED

Royal London House, Finsbury Sq., London, E.C. 2

Telephone:  
3797 LONDON WALL.  
(Four Lines.)Telegrams:  
"CENTUMVIR, PHONE, LONDON."  
(Two Words only.)

BE SURE AND ADD

# La-Rola

# Rose Bloom

TO YOUR STOCK AT ONCE,

as it is being largely advertised in the  
"Daily Mail," "Mirror," "Sketch," etc.

**Do not lose the business  
through being out of stock.**

It is the most natural tint on the market,  
and is selling well wherever introduced.

## Lait La-Rola & Glycerine & Cucumber

supplied as usual,

All these articles are protected at FACE VALUE.  
Write for Display Terms and save 10%.

## M. BEETHAM & SON, Cheltenham.

# TIDMAN'S

# SEA SALT

GOOD PROFITS. PROTECTED BY P.A.T.A.

Two Gross "PENNY" Packets sold for 30/- show over  
50% Profit on purchase price 21/-, less 2½% delivered.

### PRICE LIST.

	Advertised Price Per doz.	Minimum Retail. Per doz.	Wholesale Per gross.
"PENNY" PACKETS (12 in box)	1/6	1/3	10/6
Twopenny Packets (12 in box) ...	2/-	2/-	19/-
Boxes, about 1½ lb. ...	4d.	4d.	3/4
" " 3½ " ...	8d.	8d.	6/8
" " 7 " ...	1/2	1/2	11/6
" " 14 " ...	2/-	2/-	20/-

Four 7-lb. Boxes CARRIAGE PAID for 4/-

Six 7-lb. Boxes CARRIAGE PAID at 11/6 per doz.

Assorted Orders to value of 10/-, CARRIAGE PAID, any of  
above sizes.

No. stock to hold	Each.	Each.	Each. 1.
Bags of 28 lb. ...	3/6	3/6	3/-
" 56 " ...	6/6	6/6	5/6
" 1 cwt. ...	12/-	12/-	10/-

Carriage Paid.

2½% Discount for Cash on all orders of 20/- and upwards.  
Packing Cases extra and returnable. Half value allowed  
if not returned.

TIDMAN &amp; SON, Ltd., London, E. (Members of P.A.T.A.)

# Seasonable & Paying Lines to Stock

## ARE

# COOK'S

# NICOTINE SPRAY



No. 2.



No. 1.

Half-pint bottles, **12/-** per dozen,  
Retail, **1/4** per bottle.

1-lb. tins, **18/-** per dozen.  
Retail, **2/-** per tin.

*SUBJECT TO USUAL TERMS.*

PACKAGES NOT SPLIT (12 tins or 12 bottles in box).

## THE INDISPENSABLE SPRAY FOR FRUIT TREES, POTATOES, ROSES, etc.

ADVERTISED IN GARDEN PAPERS.

# EDWARD COOK & CO., LTD.

BOW, LONDON, E. 3.







# LOVELY EYELASHES

(A BRITISH SCIENTIFIC TRIUMPH)

grown and kept so by the application once daily of the colourless harmless eyelash food. Beneficial to the eyes

## CURLASH CREAM

Extensively and continuously advertised.

Endorsed by Mrs. Martin Harvey, Miss Nancy Price, Miss D. Tree, Miss Elizabeth Risdon, and hundreds of other ladies of discrimination. Testimonials received daily. Stocked by Butler & Crispe, Sangers, and other Wholesalers. Try a dozen 1/- size in your next wholesale order. We will supply you with dummies and showcards for small window display. **MAKES CONSTANT CUSTOMERS.**  
THE D. BALDWIN MFG. CO., LTD., Wigmore St., London, W. 1.

P.A.T.A.  
Face Value Only,  
1/1/9 & 3/6  
Tram Admts.  
round London,  
and at Leeds,  
Leicester,  
Coventry and  
Edinburgh.



# KOLENE

FOR THE HAIR

is sold in all parts of the United Kingdom.

Sales run into millions annually.

2d. Boxes Kolene 16/- per grs.  
4d. " " 32/- "  
1 oz. Jars " 48/- "  
2 oz. " " 72/- "  
3 oz. " " 96/- "

These prices are strictly net.

## KOLENE

has a rapidly increasing SALE.

Ask for one of our travellers to call, or order direct from

The KOLENE CO., 206 Stewart's Rd., London, S.W.

# PETROLEUM JELLY

ALL GRADES.

GUMS. WAXES. DEXTRINE.

W. M. Kidston & Co., 43/45 Great Tower st., London, E.C. 3.

Telegrams: "KIDSTONISM, BILGATE, LONDON."

Telephone: AVENUE 8057.

## TRANSP. I.R. SOOTHERS

(Ring and Teat). 3/- doz.

## LOOFAHS

2/-, 2/6, 3/6, and 4/6 doz.

## CORN VELVET

(40 % Sal. Acid). 2/8 doz. (3 doz. Cards.)

## HYGIENIC TEATS (Trans.)

18/- per gross for gross lots.

## HYGIENIC VALVES

12/- per gross for gross lots.

## FOOT TABLETS

(3 doz. in carton). 16/- per gross.

Terms: Net Cash. Carriage paid on 30/- parcels in United Kingdom.

# THOS. SWALES,

DRUGGISTS' SUNDRYMAN,

24 Butts Court, & 89 Albion Street, LEEDS.

Telephone No. 22260.

# "ONGARD" SAFETY PINS

(GUARANTEED RUST PROOF)

ARE THE BEST FOR

SURGICAL AND NURSERY PURPOSES.



SOLE MANUFACTURERS

GEORGE GOODMAN LTD.,  
BIRMINGHAM.

# EUCALYPTUS OIL (RECTIFIED).

Eucalyptol Content ... .. 70/80 %  
Optical Rotation ... .. 0 to 1  
Specific Gravity ... .. '919 to '928  
Absolutely Free from Phellandrene.

Quotations by cable. Wholesale Trade only.

## BURNSIDE & COMPANY

Eucalyptus Oil Distillers,

VICTORIA, AUSTRALIA.

New Postal Address—Cables—"Burnside Company."  
439 Flinders Lane, Melbourne. Melbourne.



**PARFUMERIE aux FLEURS de FRANCE**  
(late Parfumerie Aristocratique de Paris), now incorporated in  
**ORELA Ltd., 37 Berners St., London, W.**

ORIGINAL MAKERS OF THE  
**ORELA SCARLET PIMPERNEL FACE POWDER** at 54/- gross.

Made in 4 tints, and put up in red box.

**Poudre Delysia, Poudre Adherants** in 12 different Perfumes  
(3 sizes), **Poudre Neferi, Orela de Poche.**

**Ambre Powder, Orela Vanishing and Skin Food Cream, Poudre of Pearls** (for Perspiration), **Orela Depilatory, Concentrated Perfumes, Pate Verdun Nail Paste, Orela Cuticle Cream, Orela Rouge** for cheeks, lips, and nails, and for dark and fair skins, **Orela Skin Food Cream, Fragrant Compacte Powder, Poudre Suzette, Shampoos, Brilliantines, Henne, Artificial Oils and Colours.**

Our only Wholesale Depot—**S. MAW, SON & SONS, Ltd. LONDON.**  
*Shippers inquiries invited. Prompt deliveries.*



LIKE A  
**CUBIST DRAWING**  
appear the old-fashioned  
cappings in comparison  
with a  
**SEMREH**

**SELF-FIXING  
BOTTLE CAP.**  
It puts all others  
into the background.  
Details on request to  
**The VISCOSÉ**  
Development Co., Ltd.  
**BROMLEY, KENT.**  
Prompt dispatch can at  
present be given.

**BRITISH MADE**

**SCENT SPRINKLERS  
COLLAPSIBLE TUBES**  
Decorated Tin Boxes & Canisters

Manufactured by  
**The JOHN DALE Mfg. Coy.**  
**NEW SOUTHGATE, LONDON, N.**

**RADIUM COMPOUND.**

**SELF-LUMINOUS.**

Highest Possible Efficiency, Durability & Value.

As supplied to H.M. Government, &c.  
Guaranteed to pass N.P.L. requirements.  
All Grades in stock, from 15/- per gram.  
**RADIUM SALTS TESTED AND CERTIFIED.**

**F. HARRISON GLEW, THE RADIUM**  
**LABORATORY**  
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**FOOD CONTAINERS.**

We have in stock about 10/20,000 Food Containers, size 2½ ins. diameter by 8 ins. deep, which we can offer subject to being unsold, or we could cut down to any depth required.

When Peace comes we solicit a fair share of the country's trade. Our plant is at present fully engaged on Government work, but we manufacture in normal times all classes of Cylindrical Mailing Cases, Food Containers and Packing Boxes, in cardboard and tin, but can undertake work now with priority certificates.

**EELES, WALKER & CO. (Controlled Establishment)**

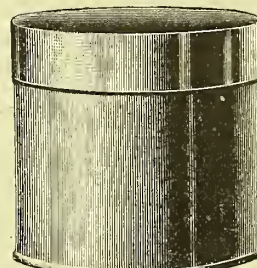
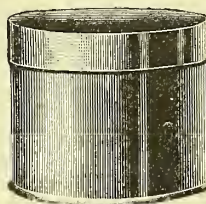
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Telephone: Central 5324 and 5. Pt. Branch Exchange.  
Telegrams: "ELSWALL, BIRMINGHAM."

London Agents: **MUSSARED & UPCOTT, 112/3 Fore Street, E.C.2.**

We have sacrificed our trade and our energies for the country during the crisis, in the manufacture of Munitions of War.

Reg. Trade Mark—  
"ELSWALL."



Telephone: Central 378.

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**METHYLATED SPIRIT**  
**OILS AND CHEMICALS.**

Buy from one of the Oldest Houses in the Trade.  
**Write for Prices. ESTABLISHED 1794.**

**SAMUEL THORNLEY, LTD., BIRMINGHAM**



Established  
1888Incorporated  
1908

## ESSENTIAL OILS.

BERGAMOT	LEMON
CARAWAY	ORANGE
CINNAMON	PEPPERMINT
CUBEB	SANDALWOOD

MIRBANE

## DRUGS.

LIQUORICE	MILK SUGAR
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## SUNDRIES.

COUMARIN	SACCHARIN
HELIOTROPINE	VANILLIN
CHLOROPHYLL	

## FRED<sup>K</sup>. BOEHM LIMITED

15, 16, 17 JEWRY STREET,  
LONDON, E.C. 3.

Scottish Office:  
140 WEST GEORGE STREET,  
GLASGOW.

## ELEY BROTHERS, LIMITED

specialise in the manufacture of  
the following articles at the  
lowest prices:

## Shaving Stick Cases

## Oval and Round Tops

for Powder Tins, Cruets,  
Dredgers, etc.

## Metal Boxes

for Dentifrices, Soap Tablets, etc.

## Ferrules

for Walking Sticks, Whips,  
Bamboo Fittings, etc.

## Pencil Fittings

in any of the following metals:  
Brass, Copper or White-metal  
(nickel or silver - plated),  
Aluminium and Jewellers' Metal  
(Tombac).

*During the continuance of the War we cannot undertake orders to make any of the above goods requiring one or more of the metals for their manufacture of which the use for commercial purposes has been prohibited by H.M. Government; but we invite inquiries, as we still have some articles in stock which were made before the prohibition was issued.*

**ELEY BROTHERS, Ltd.**  
(Dept. 21), Edmonton, London, N.



# Ingram's MILKWEED CREAM

Has been CONSISTENTLY ADVERTISED in the best AMERICAN and CANADIAN PERIODICALS for twenty-five years.

A Medicinal Toilet Cream with a world-wide demand that is rapidly increasing. Two sizes: 2/-, per dozen 16/-; 4/-, per dozen 32/-

Prepaid Parcel Post to Great Britain and her Asiatic and African Colonies. Samples and store displays free with every order.

**Introductory Offer. Cost £2; Retails 60/-—Profit 20/-.**

$\frac{1}{2}$ Doz.	Ingram's Milkweed Cream	...	...	Retails	2/-	Price	8/-
$\frac{1}{2}$ Doz.	Velveola Souveraine (Face Powder)	..	..	..	2/-	..	8/-
$\frac{1}{2}$ Doz.	Zodenta Paste for the Teeth	..	..	..	1/-	..	4/-
$\frac{1}{2}$ Doz.	Rouge, Light, Medium, Dark	..	..	..	2/-	..	4/-
$\frac{1}{2}$ Doz.	Perfume, 1 oz. assorted in fancy packages	...	...	..	4/-	..	16/-
100 Guest Room Packages free.							£2

Shipped via Parcel Post Prepaid.

Send us with your order the names of 100 of your lady customers, and we will mail each of them a handsome folder, inviting them to call at your store and get our Guest Room Package free, containing one each of the above in sample sizes, including Perfume.

If more convenient to you, specify shipments from our Canadian Plant.

FREDERICK F. INGRAM COMPANY (Established 1885).

411 Lafayette Boulevard, Detroit, U.S.A. Canadian Plant: Windsor, Ont.



Twenty-five years' continuous advertising has made this trade mark known wherever American and Canadian publications are read.

# BRITISH NOW



Send for  
Price List and  
Trading Terms.

**ODOL**  
Chemical Works,  
BERKHAMSTED.

# KO-TAL-KO

IS ASKED FOR EVERY DAY  
BY YOUR CUSTOMERS

Stock "KO-TAL-KO" because

You cannot offer or sell a more effective hair restorer and maintainer—one more natural in its principles and certain in its effects.

Your regular customers will want it from you, and if they do not obtain it at your store will be tempted to go elsewhere.

You will never have your stock of "KO-TAL-KO" tying up your capital uselessly—on the other hand, your repeat orders quickly follow.

My trade terms will suit you, for they allow you to make your proper and deserved profit, and you are working on sound business all the time.

**NOTE TRADE TERMS (P.A.T.A.)—**

5/- Size ... .. 48/- per dozen  
12/6 .. .. 112/6 ..

**J. HART BRITAIN, Ltd.**

(Dept. C.D. 1).

2 PERCY ST., LONDON, W.1

# KO-TAL-KO



# TOOGOOD'S



W.T.G.L.

## Extract of Honey and Flowers

THE MOST POPULAR PREPARATION FOR THE HAIR ON THE MARKET.

In best quality White Flats, fitted with Sprinkler Capped, and with Blue and Gold Lithographic Labels.

2 3 4 6 8 10 14 ounces.  
13/- 17/- 21/- 28/- 35/- 44/- 60/- dozen.

Customer's name on 3 Dozen assorted.

MANUFACTURED ONLY BY—

**WILLIAM TOOGOOD, Ltd., 77 Southwark St., London, S.E. 1**

1/-



Make your old Hat a new one.

In bottles, 10d. each, in separate neat cartons, with suitable brush.

These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

**NO GLOSS. NO POLISH.**

On the P.A.T.A.

WRITE FOR TERMS, PATTERNS, ALSO LEAFLET OF TESTIMONIALS.

# "Luton" HAT DYE

**WHITAKER & CO., COLOUR WORKS, KENDAL, ENGL.**

London Depot: 60-62 Clerkenwell Road, E.C.

"Glossy" Series supplied if desired.

Special Non-Inflammable Series for Export.

Est. 1823

Telegraphic Address: "Dulleite Kendal." Telephone: No. 214.

# TITTERTON'S

CELEBRATED

## HAIR BRUSHES

**GOOD PROFITS**

are made by selling

**TITTERTON'S CELEBRATED BRUSHES**

(Hair, Tooth, Nail & Shaving Brushes).

They have a world-wide reputation for excellence of quality, and perfection of workmanship. Should be stocked by all Chemists desiring to give the public the best value for money.

**TITTERTON & HOWARD,**

Brush Manufacturers,

8 & 10 Great Titchfield St., London, W.1.



# Quite Time, Too!

Did we hear you say? WE AGREE.

Well! They're there now, locked, barred and bolted, and we want your co-operation.

For 84 years past, in all parts of the world, the name of Leath & Ross has stood for all that is BEST in Homœopathic Medicines. BUT—and it is a big BUT—for several years they have had one great fault from the point of view of the Retailer, and it has been a very reasonable point of view—they did not show sufficient profit. That is now remedied. The firm of Leath & Ross has been reconstructed, and the present Directorate desire that a Reasonable Profit shall be secured to the Retailer. Tinctures, Pilules, and all Proprieties such as "Neuraline," "Glykaline," &c., are placed on the P.A.T.A. Proprieties at face value.

New Prices for Tinctures and Pilules: 1/- size, 4/6 per dozen, less 10 per cent. for monthly settlement—minimum retail, 7½d. Smaller size discontinued.

OBTAINABLE FROM ALL WHOLESALE HOUSES, OR DIRECT FROM

## LEATH & ROSS

NEW ADDRESS: 295 High Road, Brondesbury - LONDON, N.W. 6.

# SAVE 3/- PER GALLON BY BUYING GUARANTEED GENUINE NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

**JOB BROS., Manufacturers, Tower Building, LIVERPOOL.**

Telegraphic Address: "JOB LIVERPOOL."

Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F.

Established 1780.

*When in difficulty*

OVER SUPPLIES OF

## CORRUGATED PAPER

WRITE OR 'PHONE

**CECIL K. HEYWOOD**

24 & 25 Avenue Chambers,  
Southampton Row, LONDON, W.C. 1.

Telephone: Museum 4136.

Telegrams: "Cekeneywod, Westcent, London."

Large Stocks. Prompt Delivery.

## "HALACO" THE SIGN OF QUALITY.

ANTISEPTICS

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CATHETERS

CORKS

COTTON  
WOOL

FORCEPS

HONEY

SOOTHERS

ENEMAS

OINTMENTS

THE  
NEW OURE.

**'DERMOS'**  
FOR  
All Skin Troubles.  
**Eczema,  
Psoriasis,  
Itch,  
Barber's Rash.**

Manufactured by  
HASTING, LANG & CO.  
Ltd.  
1 Roman St., Church St.,  
MANCHESTER.

CURES ALSO  
SPLIT LIP, ULCERS.  
ERADICATES CORNS.

RETAILS ... 2/9 Bottle  
WHOLESALE 2/-

SEND FOR LIST

SACCHARIN  
TABLETS

SURGICAL  
SCISSORS

RUBBER  
TUBING

TEATS  
SOOTHER &  
HYGIENIC

FEEDERS  
COMPLETE

NIPPLE  
SHIELDS

SYRINGES

WADDING

SANITARY  
TOWELS

## HASTING, LANG & CO., Ltd.

1 Roman Street, Church Street, MANCHESTER.



FINEST **BLACKS** AND  
**COLOURS**

(ALL SHADES)

**CARAMEL  
 COLOUR**

IN POWDER.

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Guaranteed  
 Harmless.

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**50**

times the concentration  
 of Liquid Caramel.

*Sample on application.*

Soluble in

WATER	SPIRIT
OIL	TURPS
WAX	BENZOLINE
GLYCERINE	NAPHTHA
PETROLEUM	CREOSOTE

and

IN FACT—ANYTHING.

**BLACK FOR INK.**

**MARKING INK.**

**ETERNITE**

A combined Stain and  
 Preservative for Wood.

**HOUSEHOLD DYES.**

**RHEUMSOL BATH SALTS**

in 1/- Tins.

**WILLIAMS BROS. & CO.**

Hounslow, Middlesex.





A HARVEST  
FOR CHEMISTS



THERE is a heavy  
crop of profitable  
business to be reaped  
by chemists who make  
a feature of

TRADE-MARK 'KEPLER' MARK

MALT EXTRACT

for preparing humanised  
milk for infants. Dis-  
plays bring customers.

Write for Showcards



Burroughs Wellcome & Co.  
10, Snow Hill Buildings, London, E.C. 1



# THE BRITISH DRUG HOUSES

LTD.

TRADE



MARK.

## AMERICAN LINIMENT

Not of the familiar "Household Embrocation" kind, but an exact reproduction of the non-greasy type of liniment which originated in America and is now in general request.



Attractively packed in panel bottle. Label and carton present a striking design in red, blue and grey.

RETAIL:

1s. 3d. per Bottle.

WHOLESALE:

10s. per Dozen.

NOTE.—In order to cope with the great demand for this line, orders at present are limited to a maximum of 3 DOZEN per shop.

Customer's name and address may be printed on 3 dozen lots if specially requested, otherwise the package bears our name.

22-30, Graham Street, City Road, LONDON, N. I.





**A Weekly Journal of Pharmacy and of the Chemical and Drug Trades.**  
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official Journal of many Chemists' Societies in Australia, Ireland, New Zealand, South Africa, and the West Indies.

#### SUBSCRIPTION RATES.

Twelve Shillings and Sixpence a year in advance, post free to any part of the world, including a copy of *The Chemist and Druggist Diary* next published. Subscriptions may begin any month. Single Copy, 6d.; Summer or Winter Number, 1s.; *Diary* 3s. 6d. Postal orders and cheques to be crossed "Martin's Bank (Limited)."

Prix de l'abonnement annuel: le journal une fois par semaine, et l'agenda une fois par an, 12s. 6d., franco.

Подписная цена на еженедельный журнал с приложением Годового Дневника—12 шиллингов 6 пенсов на год с пересылкой.

Precio de suscripción anual: el periódico una vez por semana, y el agenda una vez por año 12 ch. y 6 peniques, franco.

Terms for advertising in THE CHEMIST AND DRUGGIST can be obtained on application to the Publisher at the

**Head Office: 42 CANNON STREET, LONDON, E.C. 4.**  
Telegrams: "Chemicus. Cannon, London." Telephone 3617 Central (three lines).  
Branches: MELBOURNE AND SYDNEY, AUST.

#### CONTENTS: No. 31 (Series No. 2010), Vol. 90.

	PAGE		PAGE
Association Affairs .....	46	English News .....	34
Births .....	38	European War .....	33
Business Changes .....	33	French News .....	36
Colonial and Foreign News .....	36	Information Department .....	40
Coming Events .....	33	Insurance Act Dispensing .....	46
Company News .....	38	Legal Reports .....	37
Correspondence:		Marriage .....	38
Letters .....	51	Military Tribunals' Decisions .....	34
Legal Queries .....	52	Observations and Reflections .....	41
Subscribers' Symposium .....	52	Personalities .....	37
Miscellaneous Inquiries .....	52	Proprietary Articles Trade Association .....	47
Deaths .....	38	Retrospect .....	52
Editorial Articles:		Royal Society, Purifying the .....	35
"Lest We Forget" .....	42	Scottish News .....	35
Cellulose Acetate Supply .....	45	Trade-marks .....	40
Entrepot Trade .....	45	Trade Notes .....	41
Hillman's Embrocation .....	45	Trade Report .....	48
Trading with the Enemy (Amendment) Bill .....	45	Westminster Wisdom .....	39
A Significant Difference .....	45	Wills .....	35

## Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

#### Sunday, August 4.

United Arts Rifles, "D" Company (Pharmacists). At 10 A.M., company parade at Imperial College Union, South Kensington, S.W. Dress: Drill order. (August 7 and 8, platoon parades at headquarters at 3 P.M.)

#### Wednesday, August 7.

Pharmaceutical Society of Great Britain, 16 Bloomsbury Square, London, W.C., at 11 A.M. Council meeting.

## Wills.

MR. ROBERT AUNGLE DENT, 5 Westcliffe Grove, Harrogate, chemical-manufacturer, who died on November 12, 1917, left estate of the gross value of 18,943l. 6s., with net personalty 13,189l. 3s. 8d.

MR. WILLIAM HUNT, Hampton House, Wednesbury, manufacturing chemist, who died on February 4, left a fortune of the value of 119,632l. 13s. 6d., the net personalty being 115,765l. 7s. 3d.

MR. RICHARD THOMAS CLARKE, chemist and druggist, 131 Milton Road, Milton-next-Gravesend, who died on June 13, left estate of the gross value of 1,063l. 5s., with net personalty 975l. 14s. 1d.

## European War News.

#### Import and Export Notices.

SWEDEN.—Subject to British and Allied requirements, the Director of the British War Trade Department is now prepared to consider applications for the grant of licences to export to Sweden goods in respect of which certificates in the approved form, dated on or after June 14, 1918, are issued by the appropriate Importing Association, or by the Statens Handels Kommission, Stockholm. For further particulars see the "Board of Trade Journal" (July 25).

UNITED STATES.—All outstanding licences for the importation of caffeine, theine, and trimethyloxanthine have been revoked as to shipment from foreign ports after June 10, 1918. No further licences for the importation of these commodities will be issued. Lime-juice, citrate of lime, and other fruit concentrates of lime have been removed from the list of restricted imports. All outstanding licences for the importation of castor beans and castor oil from the West Indies, Mexico, Central America, Colombia, and Venezuela, except those wherein the United States Government appears as consignee, have been revoked as to ocean shipment made after June 10, 1918. Casein and monazite sand have been placed on the list of restricted imports.

#### Personalia.

SECOND-LIEUTENANT G. M. PUCKRIN, Yorkshire Regiment, is home on sick-leave. Second-Lieutenant Puckrin is the eldest son of Mr. T. E. Puckrin, chemist and druggist, Whitby.

GUNNER G. H. COULSON, R.F.A., has been awarded the Croix de Guerre with silver star. He enlisted over three years ago from the staff of Joseph Crosfield & Sons, Ltd., Warrington.

CADET RONALD LAMBERT PARRY (eldest son of Mr. Ernest J. Parry, B.Sc., F.I.C.), who won an open exhibition at Corpus Christi College, Cambridge, before leaving Rossall last December, has now taken the Phillips Memorial Scholarship. The scholarship is awarded by Rossall School for mathematics, and is tenable at Cambridge. Mr. R. L. Parry is now training in a Cadet battalion, and is expected to receive his commission in September.

#### Miscellaneous.

APPROVED FIRMS IN CHINA.—Among the additions to the list of persons to whom articles to be exported to China may be consigned are the Ching Lan Drug Store, Canton, and Great Union Dispensary, Shanghai.

PRICE REGULATING.—The following Regulation 30AA, under the Defence of the Realm Act, was made on July 19:

If any person without lawful authority incites or induces any other person whether or not such other person is in the United Kingdom to do any act outside the United Kingdom calculated to increase the cost in the United Kingdom of war material, he shall, unless he proves to the satisfaction of the court that the act was not intended to increase the cost, be guilty of an offence against these regulations.

ENEMY PATENTS.—The "London Gazette," July 30, contains a notice signed by Sir Ernest Pollock, K.C., Controller of the Foreign Trade Department of the Foreign Office, revoking the licence of April 13, 1917, by which persons or companies in the United Kingdom might apply for a grant or renewal of letters patent, or the registration of a trade-mark, on behalf of persons whose names were in the "Statutory List." That list contained the names of persons with whom trading was forbidden by proclamations under the Trading with the Enemy (Extension of Powers) Act, 1915. When permission was given to make such an application on behalf of a person with whom trading was forbidden the applicant was entitled to transact all the business which might be necessary to achieve his purpose.

## Business Changes.

THE BUSINESS OF C. S. SYRETT & Co., 9 and 10 Fenchurch Street, E.C., has been amalgamated with that of Willis, Sindall & Co., Ltd., merchants, 4 Lloyds Avenue E.C. 3, and will be carried on under the title of Willis, Sindall & Syrett, Ltd.

MR. ROBERT A. EVANS, chemist and druggist, has sold his business at Port Dinorwic to Mr. Williams, Nevins, and has purchased the business of the late Mr. R. F. W. Robinson, 129 Brighton Street, Seacombe.

MR. E. LUKE LEA, chemist and druggist, late with J. R. Cave, Ltd., chemists, Southport, has purchased the business of Mr. William Blackburn, 169 Eastbank Street, Southport, who has relinquished it because of illness.



## Military Tribunals' Decisions.

SINCE OUR LAST REPORT the following decisions have been notified:

**BATH.**—The exemptions held by Mr. W. B. Lloyd, Ph.C., manager to Davies & John, chemists, and Messrs. H. R. Cottee and H. C. Gray, assistants with Boots, Ltd., were withdrawn.

**BERKHAMSTED.**—On review, the National Service Representative's appeal against the exemption held by Mr. H. Mills, chemist and druggist, was dismissed.

**BOURNE (Lincs).**—By arrangement between the Insurance Committee and the N.S.R., Mr. C. H. M. Baxter, chemist and druggist, was conditionally exempted to January 31, 1919.

**BRIGHOUSE.**—Mr. G. A. Stocks, chemist and druggist, was exempted to December 31; Mr. J. Cardwell, assistant with Mr. Stocks for the past twenty-five years, was exempted until a substitute is found.

**BURWELL (CAMBS).**—Mr. R. W. Howard, chemist and druggist, whose claim was supported by Major O. R. Ennion, M.R.C.S., and Dr. Wood, was granted continued exemption to January 15, 1919, with leave to claim again. It was stated that Mr. Howard was the only qualified dispenser in Burwell, and could summon a doctor by the use of his bicycle in any case of sudden illness.

**CHELMSFORD.**—The application of Parke's Drug Stores, Ltd., for the exemption of Mr. H. Adams, an assistant, was dismissed.

**FIFE.**—The appeal of Mr. C. S. S. McDonald, chemist and druggist, Auchtermuchty, was adjourned for his medical re-examination.—At a sitting of the Tribunal it was stated that the doctors of Dunfermline charged a guinea for a certificate "on soul and conscience." The Sheriff said that perhaps that accounted for so many medical certificates which were not on soul and conscience. If it was the case it was the most disgraceful thing he ever heard of, and he asked the National Service Representative to make inquiries as to the truth of the statement (see p. 35).

**GILLINGHAM.**—Mr. C. E. Beveridge, chemist and druggist, proprietor of three shops in which Insurance dispensing is done, was conditionally exempted for three months. Two of his managers, Messrs. R. S. Hardie and J. H. Terrington, chemists and druggists, were similarly exempted.

**MARLOW.**—The hearing of the N.S.R.'s application for a review of the conditional exemption held by Mr. E. G. Martin, chemist and druggist, was adjourned for the opinion of the Buckinghamshire Insurance Committee to be taken.

**RETFORD.**—Mr. J. R. Hebditch, chemist and druggist, was exempted for six months.

**VENTNOR.**—Messrs. O. E. Hickson and H. L. Warne, chemists and druggists, were exempted for six months. The N.S.R. gave notice of appeal.

**ONE-MAN BUSINESSES.**—At a recent meeting of the North Riding of Yorkshire Insurance Committee, it was reported that "out of 120 shops 90 men had been released. . . . The principle they had worked upon had been to release the young fit men, and as far as possible to keep going the one-man businesses. The result was that by a system of chemists helping each other in the working of the shops only two one-man businesses had had to close; this meant that the county had gained, because of the shops being kept open to pay taxes, and also by releasing the young men for the Army less separation allowance had to be paid by the nation. Had this policy been followed in other trades we should not have had so many young and single men hiding behind the badge of the Ministry of Munitions, while older men with large families had been taken into the Army.—At a recent sitting of the Keighley Tribunal the National Service Representative was asked if he could give any assistance to one-man-business proprietors awaiting discharge in regimental depôts after being wounded. It was stated that in several cases of men who had retained their shops the military authorities had said they would return the men now unfit for service if they find work of national importance, and Mr. Liddemore, a member of the Tribunal, held that it was of national importance that they should return to their own shops. The N.S.R. replied that, though entirely in sympathy, he thought he had no powers in this matter. It was resolved to communicate with the National Service Regional Headquarters.

**NOT LONG AGO** a large window was broken in a pharmacy somewhere in a northern town. The smash attracted a small crowd, and a little middle-aged woman pushed her way into the forefront. "Is that a'?" she cried disappointedly, calmly surveying the wreckage. "Aa thoct by the crash it wis his prices comin' doon!"

## English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

### Ilford Chemist's Tragedy.

On July 29, Mr. Harris Cocker, a chemist and druggist carrying on business in Cranbrook Road, Ilford, committed suicide after sending the following letter to Dr. E. K. Houchin, a local medical practitioner:

Dear Doctor,—I am about to make a terrible confession. My poor wife has been in such a terrible state, declaring that she would go mad, that I thought it better to end it all. Consequently I gave her and the children a dose of hyoscine, which put them all in a dazed condition. Then to complete it, and to make quick work of it, I gave each one two drachms of prussic acid. This I did on the 14th. It was terrible to destroy wife and children. Then I decided to destroy myself. Consequently I have taken a dose of prussic acid. I should like us all to be cremated at the City of London Crematorium. You can get into the house by the back way. You will find the key in the lavatory.

—Harris Cocker.

On the police entering the premises with the doctor the bodies were found in various beds, the features of the wife and children being unrecognisable owing to decomposition. A bottle containing hydrocyanic acid was found in one of the rooms. It is understood that since July 14 the shop has been open daily, but that the opening and closing hours have been erratic. Mr. Cocker had during that time taken his meals at an Ilford restaurant. It is believed that the indifferent health of his wife, who had suffered from neurasthenia, had unhinged his mind. The age of Mrs. Cocker is given as thirty-seven; that of the eldest child, fourteen; that of the youngest, five.

### Birmingham.

Counterfeit florins are in circulation here.

About half-a-dozen aspirants from Birmingham took the recent Apothecaries' Hall examination.

A huge amount of money is being spent just now on private medical examinations for Tribunal purposes.

In Birmingham, as elsewhere, science professors engage in commercial work in their spare time, and apparently do well. But—is it fair?

Insurance offices are advising their customers to see that the amounts insured (against fire as well as aircraft) are sufficient to replace the property. Building-materials are dear.

Mr. Horace A. Thomas, the winner of many prizes at the K. E. H. School, New Street, has secured an open scholarship in natural science, tenable for four years, at Birmingham University. Mr. Thomas is the son of Mr. Fred Thomas, buyer to Bellamy & Wakefield, chemists, Easy Row.

The death of Dr. Alfred Senier, which took place at Galway on June 29, recalls the fact that he was one of the first experimenters in this country to use Victor Mayor's method for the determination of vapour-densities. He was assisted in the process by Mr. F. H. Alcock, F.I.C., Ph.C., who at the time was a Bell Scholar—in the same year, singularly enough, as another pharmacist, Dr. J. H. Allan, whose name has come to hand this week in an item of news from Liverpool.

### Liverpool.

"Very busy" was the trade report this week in Hanover Street.

Owing to some accident, patent-medicine stamps worth 87. have gone astray in the district.

The increased heat on the eve of the August holiday has stimulated business in seasonable lines.

While many tradesmen will close on August 3 for a five days' vacation, the wholesale drug-trade will be confined as usual to a day, and the retail, as a rule, to half a day. And many a retailer has few, if any, assistants.

Among the most regular customers of a central-area pharmacist are a farmer and his wife, who have made it part of their philanthropy for many years to see that their poorer neighbours lack nothing in the way of simple remedies.

Mr. William Wellings (Hon. Treasurer of the Liverpool Chemists' Association), who is in his seventieth year, and has been with Evans Sons Lescher & Webb, Ltd., for fifty-six years, has taken on the Liverpool district as well as his more distant rounds during the absence of other travellers.

Mr. John H. Allan, pharmacist (Allan Bros.), has passed his final medical examination at the Liverpool University. A younger brother, Mr. Noel Allan, also a pharmacist,



took the M.B. and Ch.B. in 1916, and is now serving with the R.A.M.C. in Mesopotamia. Their father, Dr. J. H. Allan, Ph.C., a Bell Scholar in 1878, took his medical degree in 1906. Dr. Allan's third son, Mr. James S. Allan, passed the Minor in 1911, and intends to enter the medical profession. Two of the sisters are also pharmacists.

#### Sheffield.

Mr. G. A. Carr, managing director of Geo. Carr & Co., Ltd., writing in regard to a note in the *C. & D.*, July 20, p. 35, informs us that Mr. G. Carr added the business of druggists' sundriesman in 1895, when his second son joined him. They, together with the late Edward Pearce, carried on the business until the death of the latter. When Mr. G. Carr retired five years ago the business was formed into a private limited company, his son and partner, Mr. G. A. Carr, who had been connected with the business since its inception, being appointed managing director. The business is carried on at Wilkinson Lane, Sheffield, under the title of George Carr & Co., Ltd.

#### Miscellaneous.

**INSTITUTE OF CHEMISTRY.**—The following candidates were successful in the July examination for the Associateship: In organic chemistry, W. H. Craven, B.Sc.; in the chemistry of food and drugs, etc., Ella Caird, Ph.C.

**FIRST-AID IN FACTORIES.**—The Home Secretary gives notice in the "London Gazette," July 30, that under the powers conferred on him by Section 7 of the Police, Factories, etc. (Miscellaneous Provisions), Act, 1916, he is about to issue an Order requiring the provision of first-aid and ambulance arrangements for the treatment of accidents at all factories employing twenty-five or more persons which are saw-mills or in which articles of wood are manufactured. Objections to the Order must be made within twenty-one days.

**BABY'S DEATH ATTRIBUTED TO NURSE.**—On July 30, at an adjourned inquest on the body of an infant named Goodman, who died at the Sydenham Infant Welfare Centre, London, S.E., a verdict of "Wilful murder" was returned against Eva Grace Thompson, a nurse, who was accordingly committed for trial. It was stated that a poison-bottle and a hypodermic syringe found in her room contained the same "sticky material," and that bills for drugs to the amount of 8s., another hypodermic syringe and two wrappers of chlorodyne-bottles were also found there. Giving evidence, Nurse Thompson said that she had not taken chlorodyne for months. She had been ill with a fractured skull. Dealing with the question of bruises found on the child's head, the Coroner took in his hand the feeding-bottle which it is suggested caused the injuries, struck his desk several blows with it, but did not crack it. The bottle, he said, wrapped in a cloth, became a formidable weapon. Was it not possible that the nurse could not stand the crying and squalling, and, suffering as she did, struck the babies?—On July 31, Nurse Thompson appeared at Greenwich Police Court on the charge of wilful murder, and was remanded.

**PURIFYING THE ROYAL SOCIETY.**—"The Times" states that a special general meeting of the Royal Society was called for July 31 to consider the advisability of expelling enemy foreign members, and the following motion was to have been submitted to the meeting by Sir George Beilby and Dr. M. O. Forster:

That, in view of the war having continued during nearly four years without any indication that the scientific men of Germany are unsympathetic towards the abominable malpractices of their Government and their fellow-countrymen, and having regard to the representative character of the Royal Society among British scientific bodies, as recognised by the patronage of His Majesty the King, the Council forthwith take steps necessary for removing all enemy aliens from the foreign membership of the Society.

Although Sir George Beilby and Dr. Forster are both members of the Council, this resolution was apparently not put forward by the Council officially, states "The Times." The notice convening the meeting states that on July 4 the Council had under consideration the question of expelling the enemy foreign members. They considered that, if possible, unity of action between the Allied nations should be secured, and in view of the fact that a conference between representatives of Allied academies will take place in October next, they resolved to refer the question to that conference. In the meantime they desire to obtain the opinion of the Fellows of the Society on the subject for the guidance of their representatives at the conference which has been called for the purpose of discussing the future of scientific work hitherto carried out by international organisations.

**IN THE COURTS.**—At Northampton Police Court on July 27, Mr. Ernest Edwin Gascoigne Dennis, chemist and druggist, Adnitt Road, was summoned for selling wine that he was not licensed to sell at 112a St. James's Road; and Henry Allan was summoned for aiding and abetting. A

technical error was admitted. Police evidence was given to the effect that Hall's Wine was sold at the St. James's Road shop without having been previously ordered there, and that other bottles of wine were found on those premises, the customers for these not being traceable. Mr. Dennis was fined 5*l.*, with 2*l.* 2*s.* costs, and Henry Allan 2*l.*, including costs. The wine found was ordered to be forfeited.—At Guildhall Police Court, London, on July 31, Mr. Frank Wilton Truman, chemist and druggist, of Poingdestre & Truman, 93 Leadenhall Street, was bound over for selling peach-nut oil for almond oil to an inspector under the Food and Drugs Acts. It was stated this was purely an accident, and Mr. Truman said so little was the demand for this oil that, apart from the inspector's order, he had sold only half an ounce in two years. His stock-bottle was capable of holding 10 oz.—In the Central Criminal Court, London, on July 26, the conviction of Dr. William Summerskill on a charge of attempting to obtain money by false pretences (*C. & D.*, July 6, p. 35) was quashed on appeal.—A fine inflicted on Henry G. Read in a parasitic-mange case (*C. & D.*, July 26, p. 36) is now stated to have been 10*l.*, not 75*l.*

## Scottish News.

#### Brevities.

The flax-crop throughout Scotland has proved a great success.

So much business is being done at holiday-resorts that the weekly takings of pharmacies averaging normally about 20*l.* are now from 80*l.* to 100*l.*

A meeting of the General Council of Scottish Panel Chemists is to be held in Edinburgh in August to consider arrangements for the year 1919.

The work of pricing Insurance scripts is being greatly hindered by some chemists holding up their prescriptions instead of sending them in every month.

There are many complaints being made at present regarding fermentation in galenical syrups. The cause lies, apparently, with the sugar, which is frequently in a very dirty condition.

#### "On Soul and Conscience."

The observations of Sheriff Fleming at the Fife and Kinross Appeal Tribunal (see p. 34) on the doctors of Dunfermline appear to have given these worthy men cause for great uneasiness. The medical view, so far as it can be gathered, is that one guinea is a recognised fee for a certificate "on soul and conscience," and that the Sheriff has refused to sanction the issue of a common or garden medical certificate, the fee for which is from 2*s.* 6*d.* upwards. It is even declared that local men have been known to accept the 2*s.* 6*d.* without the "upwards." On the other hand, the "Dundee Courier" roundly calls the practice "an iniquitous system which should at once be stopped." "It is ridiculous," declares the "Courier," "to contend that the writing of the words 'On soul and conscience' should be paid for at the rate of 4*s.* 7½*d.* a word. It is an obvious absurdity. There are, unfortunately, too many farcical customs in connection with the medical profession." It would be interesting to calculate how much the average medical practitioner earns by the simple use of his pen. From another district comes the information that it is not uncommon for a doctor to charge 2*s.* 6*d.* for a certificate for the purchase of condensed milk.

#### Edinburgh.

Mr. A. Duncan, chemist and druggist, Easter Road, will close all day each Wednesday during August.

"Are pineapple pills good for ladies who are not unwell?" was the scribbled query which puzzled a staid city pharmacist recently.

The Highland and Agricultural Society has decided to make a grant of 2,000*l.* towards a research station for plant-breeding, on condition that at least a like amount is obtained from public funds or otherwise, and that Scottish agricultural bodies are adequately represented on the governing body of the institution.

#### Glasgow.

The business formerly carried on in Gibson Street, Hill-head, by the late Mr. Joseph Duncan, Ph.C., is to be sold as a going concern.

A veterinary correspondent of the "Glasgow Herald" suggests that "unless a recognised and standardised tuberculin is at once placed on the market by the various tuberculin manufacturers our export trade in pedigree cattle will suffer." He adds that the Allied countries should decide the matter, as "German and Austrian tuberculin is likely to be kept out as at present."



## French News.

(From the "C. & D." Paris Correspondent.)

**WAR'S TRAGEDIES.**—M. Bourbon, pharmacist, of Rueil (just outside Paris), who had been mobilised as Army pharmacist since 1914, and served in the Vosges and the Argonne, has died of typhus in Serbia.—M. Dogny, who died at Paris, kept open shop at Mezières (Ardennes) from 1880 till 1910, when he retired and left the business to his son. The latter being mobilised in August 1914, the father returned behind the counter. But only for some three weeks. When the Germans took the town he abandoned practically all he had in his flight. He took a managership in Paris, but his health, undermined by his cares and anxieties, broke down.—M. G. de Bohain, corresponding member of the Paris Society of Pharmacy, has died in one of the invaded departments (Aisne).

**ENGLISH IN PARIS.**—The British, the Colonials, and the Americans, whose khaki is now so conspicuous a feature of the Grand Boulevard, are responsible for an outbreak of English advertising. One well-known proprietary article uses a poster in English: "Now, boys, if you cough, use G—'s pastilles. 1fr. 75c. the tube." The Briton's breakfast appetite is proverbial on the Continent, and the boulevard café which announces "Breakfast at every hour" is evidently prepared to cope with it and defy food shortages. The same spirit of well-meant endeavour to aid those who are aiding France breathes through the shop-window notice, "Sammies! Tommies! It is with great pleasure that we give you all inquiries with regard to the commercial purchases you have to make."

**NAVAL PHARMACISTS.**—The "Journal Officiel" publishes the conditions under which third-class auxiliary pharmacists serving in the French Navy will be admitted to second-class rank. They must either be graduates of the special School of Naval Medicine and Pharmacy at Bordeaux, or satisfy certain conditions as to length of service—three years' military service for those who had studied for two years previous to the mobilisation in 1914; four years' for those who had only studied one year. They will only receive second-class rank as vacancies occur, and if they pass the examination of which the Ministerial "Instruction" gives details. The physical sciences examination is of a general character. The chemical examination covers the analysis of wine, water, milk, urine, etc.; while the pharmacy examination is based on the Codex and the Military Hospital Formulary.

**SACCHARIN-SUPPLY.**—The saccharin-bottle is now as familiar an object on the tables of Parisian cafés as the match-holder or the pre-war sugar-tray. It usually takes the form of a tiny glass-stoppered decanter, with a label informing the consumer that a teaspoonful of the contents is equivalent to one lump of sugar. In view of certain abuses notified to the Ministre de Ravitaillement (Food Minister), he has issued a decree authorising the sale of phials or tablets, each containing 5 grams of saccharin mixed with a diluent or excipient, on the condition that the price of the whole (container, excipient, and chemical) shall not exceed 2fr. for each 5 grams of pure saccharin. This decree, it is specifically stated, applies to pharmacists, but not to medicaments prepared according to the pharmacy laws, nor to tablets in which saccharin is used to render other drugs palatable.

**M. PLACIDE ALEXANDRE ASTIER**, Senator of the Ardèche Department, died at his Paris residence (rue du Docteur Blanche, at Auteuil) recently, after a short illness. Born at Aubignos (Ardèche) in 1856, he came of peasant stock: physically and mentally robust, and essentially active and practical in all he undertook. A self-made man, he began his education at the village school, to complete it at the Paris School of Pharmacy. He took his diploma in 1882, and soon afterwards had a flourishing retail business in the Avenue Kléber, one of the main arteries of the residential district round the Arc de Triomphe. He started several successful proprietary medicines, which enabled him to quit retail trade and embark on his political career. He had already twice failed to gain a seat in Parliament when he became a Municipal Councillor of Paris in 1896. Two years later he was elected to the Chamber of Deputies as representative of Privas (Ardèche). Re-elected in 1902 and 1906, he became a Senator in 1910. He sat on the 1908 Committee for the Revision of the French Pharmaceutical Curriculum, and took an active interest in educational matters generally. When his influence was sought by pharmacists as a body at critical moments he often preached the gospel of "self-help," which he had personally found to be the secret of success.

CELLULOID SPECTACLE-FRAMES contract considerably in cold weather, and are then liable to fracture.

## Colonial and Foreign News.

**QUININE "CONTROLLED" IN GREECE.**—The price of quinine in tablet form is "controlled" in Greece, and ensures the retailer a profit of 0.5 drach. per fifty tablets of quinine hydrochloride and 0.35 drach. on the same quantity of quinine-bisulphate tablets.—An allocation of quinine in bulk is announced in the Greek Press, the list of nearly fifty place-names forming quite a compendium of classical geography.

**LIQUID AIR AS AN EXPLOSIVE.**—In order to relieve the situation in the mining industry the Swedish companies, "Grängesbergssbolaget" and "Nitroglycerin," intend to erect seven stations in mining centres for the production of liquid air to be used as an explosive. The plant has been bought in Germany, as being cheaper than in Sweden. This step is regarded as a war-time expedient, which would hardly pay under normal conditions.

**AUSTRIAN NITROGEN CO.**—The latest report of the Austrian Nitrogen Co. states that the business year was devoted to the erection of the factory plant in Maria-Rast, which was originally intended to be completed by July 1917. The execution of the building, owing to the exceptional conditions prevailing, met with such difficulties that the installation of the calcium-nitrogen plant was greatly delayed. The carbide-factory has been ready for working since the beginning of May, and the taking up of work depends solely on the measures of the Administration for the allocation of raw materials.

**SOAP-SUBSTITUTE.**—A correspondent of a Dutch paper suggests that a soap-substitute may be prepared by adding sawdust to a 2-per-cent. solution of lysol or some such liquid till sinking ceases. The mash is then softly pressed and the liquid poured off. To clean the hands, take a handful of the damp sawdust and use it with the pressed-out liquid. Then firmly squeeze the mash and use the now nearly dry sawdust to dry the hands, which can be freed of wood-particles by rubbing. The objections are the smell of the disinfectant, which clings to the skin, and the trouble of clearing the nails of sawdust.

**HOSPITAL-DISPENSING FATALITY.**—Remarkable evidence appears in the "Singapore Free Press" of May 7 in a report of an inquest on the bodies of six persons who died in the Malacca Hospital as the result of an error committed in the dispensary of that institution. It was stated that instead of 200 gr. of quinine sulphate, strychnine hydrochloride, probably to the extent of 48 gr., was used in a 40-oz. mixture. The salt was not weighed. As diluted sulphuric acid could not be found, diluted nitric acid was used to dissolve the supposed quinine. Quinine was kept in the poison-cupboard, and both it and the strychnine were in pill-boxes with the names written on the lids. There was no other mark indicative of the contents. The hospital dispenser, who was absent at the time, had been for twenty-seven years in Government service, but held neither diploma nor certificate. The jury returned a verdict of "Accidental death by poisoning," and added a rider commenting on the laxity shown.

**"CONTROLLED" MEDICINES IN AUSTRIA.**—In view of the increasing scarcity of medicines, the Austrian Ministry of the Interior has ordered the establishment of a Bureau for the control of medicines. The duties of this Bureau include the purchase of medicines at home and abroad, the fixing of buying prices at home, the allocation of the purchased medicines, and the keeping of records of all allocated or distributed remedies. For the present the Order subjects to control only such medicines as are solely imported from abroad, or those the home production of which does not suffice for home requirements. Medicaments not exclusively used as remedies, but also for technical purposes are not included in the Order. The distribution of these articles to the chemists is provided for by the Bureau. A declaration must be made of all stocks of medicaments. These stocks will be placed under an embargo (their restricted use for absolutely necessary consumption being meanwhile permitted), and prices will be fixed by the Bureau. Stocks must be delivered to the Bureau at fixed prices. The Order also provides special restrictions for doctors' prescriptions and medicines administered by doctors, so that the greatest possible economy may be assured. In a statement in the "Zeit" from a member of the apothecaries' trade, the writer remarks that, as usual, the necessary steps have been taken too late. "There were formerly," he adds, "quite a number of medicaments prescribed, which to-day are almost unobtainable, such as cocaine, camphor preparations, sulphur preparations, and all medicaments containing boric acid. Various patent medicines formerly imported from Germany are now unprocureable. Preparations of bismuth and silver are difficult to obtain."



## Legal Reports.

### Action against the British Medical Association.—

The action which has been tried before Mr. Justice McCardie in the King's Bench Division, in which Doctors E. C. Pratt, D. Holmes, A. St. Lawrence Burke, and A. H. Cairns, of Coventry, claimed damages against the British Medical Association and Doctors W. J. Lorimer, W. G. Pickup, J. Orton, and Thos. Webb Fowler, for alleged libel, slander, and conspiracy (*C. & D.*, July 27, p. 37), has been continued during the week. Additional evidence for the defence was given by each of defendants, who denied that they were actuated by any malice towards the plaintiffs. What had been done was in the interests of the profession. Sir John Tweedy, the President of the Medical Defence Union, gave evidence in support of the action which the British Medical Association had taken with regard to the Coventry Dispensary. He considered that the work of the Association was extremely necessary to protect the interests of the profession. Mr. Hollis Walker, K.C., and Mr. Schwabe, K.C., summed up the case respectively for the defendants and plaintiffs. Mr. Justice McCardie said in view of the importance of the case to the medical profession he intended considering his judgment, which would be given early next term.

**Honey Contract.**—In the City of London Court, on July 30, before Sir John Paget, Bart., K.C., Deputy Judge, there was a further hearing of the case (*C. & D.*, July 13, p. 35, and July 27, p. 37) in which A. W. Gamage, Ltd., 123 Holborn, London, E.C., claimed 100% against Mr. N. L. Scaliaris, merchant, 39 Botolph Lane, and Henry Mason & Co., Ltd., 21 Mincing Lane, E.C., merchants, as damages for breach of contract for non-delivery of 360 dozen cases of English meadow honey at 15s. per dozen. Mr. Valentine Ball appeared for the plaintiffs, Mr. Artemus Jones for Scaliaris, and Mr. Snell for the other defendants. Mr. Richard Modden (Grant Hughes & Co.), 21 Mincing Lane, said he was familiar with the usages of the honey trade with regard to the presenting documents for payment. The customary way was to hand the delivery order or send it to the bank to be lifted by the buyer against payment. At the same time the buyer was advised that the delivery order was lodged at the bank at his disposal against payment. Mr. Morris Saloff, manager to Henry Mason & Co., Ltd., said the honey in question which they sold to Mr. Scaliaris was supplied to them by Leonard Hall, 6 Rood Lane. They were to receive payment from Gamages in accordance with arrangements Mr. Scaliaris told them he had made with Messrs. Gamage. In January Messrs. Gamage were pressing for delivery of the honey, but they did not think it necessary to write telling them they had received payment from Mr. Scaliaris. Mr. Burman, traveller to Mr. Scaliaris, was given the delivery order for the money. The Deputy Judge found for the plaintiffs against Scaliaris only, with costs, but for Mason & Co., with costs.

**Freeman's Veterinary Remedies.**—In continuation of this case in the Chancery Division (reported in the *C. & D.*, July 27, p. 37), Miss Emily Robinson, employed by the plaintiffs, gave evidence on July 24 that Mr. Ernest Freeman, of the defendant firm, handed her a list of goods to make up and a box of labels. After making up three boxes she noticed that the labels bore the name of the defendants, and she consulted Mr. Wm. Marshall Freeman. As a result she refused to go on with the work, and Mr. Ernest Freeman said he supposed he would have to do it himself. Cross-examined: It was a common thing at that date for the defendants to purchase plaintiffs' remedies, but it was not their practice to put their own labels on before selling them. Mr. Ernest Freeman did not ask her to put a slip label on, but told her to cut off "Freeman's, Veterinary Chemists, Ltd.," and put on the labels he gave her. Except on rare occasions there had been no cross-trading or interchange of goods between the two firms. The plaintiffs did not make up prescriptions. Mr. Wm. Marshall Freeman, member of the Bar and chairman of directors of the plaintiff company, said he possesses the necessary qualification under the Pharmacy Acts. He started the business in poultry and animal remedies himself at 4 City Road, Birmingham, in 1893. He originated every one of the recipes. The plaintiff company was formed in November 1908 and the defendant company in August 1917. His goods had always been known as Freeman's, and had been systematically advertised as such since 1893. This concluded the evidence for the plaintiffs, and the hearing was adjourned until October 14, it having been found impossible, owing to the state of his Lordship's list, to finish the case this term.

## Personalities.

GENERAL SIR ARTHUR SLOGGETT, K.C.B., has joined the board of Bovril, Ltd.

MR. DAVID JONES, chemist and druggist, Towyn, has been elected a member of the Towyn Town Council.

MR. GEORGE DUNN, chemist and druggist, Church Stretton, has been elected a member of the Church Stretton Urban Council.

MR. E. DUNCAN DORING, who has been discharged from the Army, has reopened his business of dealer in glass bottles and druggists' sundries at 7 King Street, Cheap-side, London, E.C. 2.

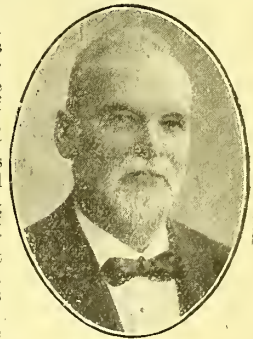
AT THE FUNERAL of the late Mr. Thomas Critchley, chemist and druggist, Blackburn, the North-East Lancashire Chemists' Association was represented by Mr. R. Lord Gifford, J.P., Ph.C., and Mr. J. W. Openshaw.

MR. PHILIP F. ROWSELL, J.P., chemist and druggist, chairman of directors of the Chemists' Defence Association, Ltd., who was prospective candidate for the old Bridgwater Division for some four years, has intimated his intention of not offering himself as a candidate in the Liberal interest for the new Division.

MR. J. WILSON SPENCE, Longley Road, Tooting, London, S.W., has been placed upon the Commission of the Peace for the County of London. Mr. Spence is the second son of the late Robert Spence, M.D., J.P., and of Mrs. Christina M. Spence, chemist and druggist, Linlithgow. Five of his family are registered chemists, and three are taking up the medical profession.

MR. HUGO WOLFF, member of the Council of the Pharmaceutical Society of Great Britain, has issued his report on the July Council-meeting, in accordance with his promise to the electors. The report takes the form of a four-page circular entitled "Square Topics." Mr. Wolff states that he is preparing a *précis* of the evidence upon which is founded the Organisation report that is being sent to local Associations. This summary of the evidence is to be sent to every Association early in October. Referring to this report, Mr. Arthur H. Jenkin writes: "This purports to give a list of those who voted for and against the resolution appointing Mr. Glyn-Jones, but is inaccurate in that my name is not included among those who did not wait until the eleventh hour to join in the debate, but consistently supported the appointment of Mr. Glyn-Jones as being in the best interests of the Society, and therefore voted for the resolution."

MR. JOHN WYLDE, chemist and druggist, ex-Mayor of Southwark, has been placed on the Commission of the Peace for the County of London. Mr. Wylde, who is the eldest son of a wholesale druggist, was born in Chelsea in 1848. After qualifying in 1872 he became identified with the firm of Thomas Keating, Union Street, London, S.E., of which he is now the head, the other partners being Messrs. C. R. Wylde and A. C. Wylde. In 1908 Mr. John Wylde was elected Mayor of Southwark. He has for four years been Warden of the Great Account at Southwark Cathedral, and is a Governor of St. Olave's Grammar School, Southwark. Further details of his career are given in the *C. & D.*, II., 1903, p. 746.



MR. JOHN WYLDE.

THE "Daily Mail" states that Mr. F. Boehm, chemical agent and manufacturer, Harrow-on-the-Hill, Jewry Street, London, E.C., and Stratford, is to be interned. As far back as November 1916 the "Daily Mail" called attention to the exemption of Mr. F. Boehm and the fact that he was permitted to continue in business. When war broke out several shareholders in his business were living in Germany. By permission of the Board of Trade Mr. Boehm was allowed to retain 21,000 shares, the balance of his holding of 36,000 being sold or transferred to members of his family and British subjects associated with him. In March 1917 the "Daily Mail" stated that Mr. Boehm was one of several Germans recommended for internment and allowed to remain at liberty by the Home Office. Repeated representations, states our contemporary, have been made by British chemical-manufacturers, who have alleged that Mr. Boehm or his company were specially favoured in the matter of raw material and permission to export certain chemicals to the United States.



## Births.

**BENNETT.**—At 124 High Street, Colchester, on July 25, the wife of Ernest Henry George Bennett, chemist and druggist (son of the late Joseph Bennett, chemist and druggist, Bristol), of a son.

**DANIELS.**—At "Ravensea," Formby, Lancashire, on July 24, the wife of Lieutenant M. L. Daniels, Royal Berkshire Regiment, of a daughter.

**HAYLLAR.**—At 35 High Street, Hoddesdon, on July 24, the wife of H. F. Hayllar, chemist and druggist, of a daughter.

**HUDSON.**—At 39 Queen Street, Newry, on July 24, the wife of John E. Hudson, R.D., of a daughter.

## Marriage.

**DAVIDSON — WALLBRIDGE.** — At Holy Trinity Church, Wavertree, on July 24, by the Rev. E. W. Dicks, Private I. Davidson, R.A.M.C., second son of the late W. I. Davidson, Hoylake and Mount Pleasant, Liverpool, to Gladys Mary, youngest daughter of Mr. J. G. Wallbridge, F.S.M.C., pharmacist, Kensington, Liverpool.

## Deaths.

**BOWDEN.**—At 18 Lower Baggot Street, Dublin, on July 26, Mr. Joseph Henry Bowden, Ph.C., M.C.P.S.I.



MR. J. H. BOWDEN.

Mr. Bowden was at one time a partner in the firm of W. F. Wells & Son, chemists, subsequently purchasing the business of the late Mr. R. J. Downes, ex-President of the Pharmaceutical Society of Ireland, on the death of that gentleman. His business acumen contributed materially to the development of this well-known Dublin business. Mr. Bowden was elected a member of the Council of the Pharmaceutical Society of Ireland in 1907. He leaves a widow. The funeral, which took place at Deans Grange, Monkstown, on July 29, was attended by a large and representative

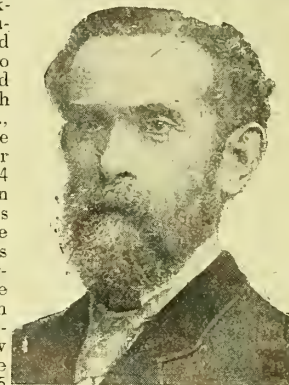
gathering, among those present being Mr. Arthur T. Ferrall (Registrar to the Pharmaceutical Society of Ireland), Mr. W. F. Wells, Ph.C., and Mr. J. Dargan, R.D.

**BROADBENT.**—At 9 Bainbridge Road, Leeds, on July 25, Mr. Harry Broadbent, F.I.C., F.C.S., aged fifty-three. Mr. Broadbent held the position of works chemist and manager with Goodall, Backhouse & Co., whom he joined more than thirty years ago on the completion of his course at Leeds University. He was well known in local Masonic circles, being Past Master of the Coronation Lodge, and was highly respected and esteemed. For a considerable period he acted as Hon. Secretary to the Central Leeds Parliamentary Liberal Association, and held similar positions in connection with the Leeds and County Liberal Club and the West Ward Liberal Association. He also took an active part in trade matters, being representative for Yorkshire on the District Trades Committee of the Sugar, Confectionery, and Food-preserving Trade Board, and a member of the Committee of the Tin Box Makers' Federation. Mr. Broadbent leaves a widow, a daughter, and a son, the last-mentioned of whom is at present serving as a cadet in the Tank Corps.

**CATELL.**—At Sutton Coldfield, on July 26, after a brief illness, Mr. Thomas Bellamy Catell, chemist and druggist, aged sixty-eight. Mr. Catell, who was a native of Warwick, was apprenticed to the late Alderman Bird, Coventry. After serving the then customary term of seven years, he gained further experience with Anderson & Virgo, Worcester. He qualified in 1874, and in 1876 took a business in Birmingham, where he remained till 1898, when he purchased the pharmacy at Sutton Coldfield formerly carried on by Mr. William Smith. Mr. Catell was a freeman of Coventry. He leaves a widow, three daughters, and a son.

**DYSON.**—At The Old Armoury, Halkyn Street, Flint, on July 27, Major Charles Edward Dyson, J.P., aged seventy-six. Major Dyson was for many years manager of the Flint works of the United Alkali Co., Ltd. He retired in 1894. From 1861 to 1906 he served in the Volunteers, and for eleven years was Mayor of Flint.

**HAYES.**—At Rathfarnham, co. Dublin, on July 29, Mr. William Hayes, Ph.C. (Hayes, Conyngham & Robinson, Ltd., chemists, Dublin), ex-President of the Pharmaceutical Society of Ireland, aged seventy-five. Mr. Hayes, who was born in Dublin, served his apprenticeship with McMaster, Hodgson & Co., Capel Street, with whom he remained for three years after completing his term. In 1864 he founded at 12 Grafton Street the business that has developed to its present large proportions. Early in his career he was active in bringing legislation to bear on the condition of the drug-trade in Ireland; and when the Pharmacy Act of 1875 became law he was one of the twenty-one Councillors named in Clause 5 of that Act. His death, which occurred as the result of an operation for hernia, removes the last survivor of the original Council. He was elected President of the Pharmaceutical Society of Ireland in 1891. A long letter written by him to *THE CHEMIST AND DRUGGIST* a few months previously (*C. & D.*, II., 1890, p. 430) on the subject of the amending Act of 1890 testified to his keen interest in the welfare of pharmacy. His ripe experience of men and of affairs at home and abroad made for his popularity in many circles. He was prominently identified with religious and philanthropic organisations, among them being the Harolds Cross Sunday School, of which he was Superintendent for over fifty years. Latterly he had farmed and developed at Rathfarnham an estate of 200 acres.



MR. W. HAYES.

**NOWELL.**—At 101 Pine Street, Nelson, on July 16, Mr. Richard Nowell, chemist and druggist, aged seventy.

**QUARMBY.**—At 4 Barker Street, Oldham, on July 17, Mr. James Whitticase Quarmby, chemist and druggist, aged forty-two.

**REID.**—At 6 Park Road, East Acton, London, W., recently, Mr. Charles Stewart Reid, chemist and druggist, aged fifty-nine.

## Company News.

**BRITISH SALICYLATES, LTD.**—In the Companies Winding-up Court on July 30, Mr. Justice Astbury heard a petition for the compulsory liquidation of the British Salicylates, Ltd. Mr. Manning explained that it was the company's own petition. The company was hopelessly insolvent. There was a large number of creditors, and the company thought it right to take this step instead of having a number of individuals proceeding separately and levying execution. His Lordship made a compulsory order.

**APOLLINARIS AND JOHANNIS, LTD.**—The ordinary general meeting was held on July 18 at the Holborn Restaurant, the Earl of Bessborough presiding. In the course of moving the purely formal report the Chairman said the little he had to tell the meeting would be a repetition of his remarks at the last three annual meetings. The German Government at the commencement of the war, recognising the British interests in Apollinaris, placed official supervisors in control of the springs, where they still remain. The information the company have is of a meagre character, but so far as they know the springs and the various properties connected therewith still remain intact. As regards the Apenta spring, the Hungarian Government continues to allow the British members of the staff to remain at their posts and to take care of the spring. The company are sparing no efforts in maintaining their business connections. The maintenance of the goodwill and organisation, the supervision and the keeping together of several hundred agencies in various parts of the world, require the closest attention, while falsifications, now more rampant than ever, unfair competition, and attempted infringement of the company's trade-mark rights call for constant watchfulness. In England the company continue to supply foreign mineral waters, principally French medicinal waters, and so are enabled to maintain their valuable home connections.



## Westminster Wisdom.

By the "C. & D." Parliamentary Representative

### CRIMINAL LAW AMENDMENT BILL.

The House of Commons on July 24 appointed a Select Committee of six members to consider the Criminal Law Amendment Bill and the Sexual Offences Bill. This was in response to a message from the House of Lords. A good deal of criticism of the Government took place on the debate, which ended in the adoption of the motion.

### LINSEED OIL.

Replying to Sir R. Cooper in the House of Commons on July 31, Mr. Clynnes said the United Kingdom Linseed Oil Consumers' Association was formed to allocate linseed oil to the various trades. Allotments in excess of 5 cwt. monthly are made only to members of the Association, but any trader is eligible for membership at an annual subscription of two guineas. The membership exceeds 200. No substantial complaints have been received of any partiality in the distribution.

### WAR ON RATS.

Our Parliamentary correspondent states that a determined offensive, launched by the combined Departments of the Local Government Board, the Board of Agriculture, and the Food Controller, is about to be directed against rats and other vermin which are infesting the countryside and the urban areas. The requirements of the three Departments named will be carried out under penalties, and, as in Scotland, where such efforts have been very successful, poison will be the suggested agent.

### AGRICULTURAL RESEARCH.

In the House of Commons on July 24, Sir Richard Wiffrey gave particulars of the grants proposed to be made for the year ending March 31, 1919, for agricultural research. The total amount is 20,450*l.*, and among the grants are 3,400*l.* to the University of Cambridge, 2,850*l.* to the Rothamsted Experimental Station, 1,630*l.* to the Royal Veterinary College, 1,950*l.* to the University College, Reading, 1,080*l.* to the University of Birmingham, 650*l.* to the Victoria University, Manchester, and 1,500*l.* to the University of Oxford.

### EXPORT OF BRUNOLINUM.

Complaint was made in the House of Commons on July 24 that the development of the rubber industry is being impeded by the failure to issue licences for the tar-oils needed in the manufacture of brunolinum plantarium, a preparation for destroying plant-pests which infest rubber-trees. Brunolinum, it was stated, takes the place of a German preparation. The Secretary of the Ministry of Munitions said that the producers of brunolinum have equal facilities with other makers of preparations used for preventing the spreading of disease in rubber-plantations.

### DYE-MANUFACTURERS.

Mr. Herbert Samuel, M.P., on July 31, asked the President of the Board of Trade whether the agreements into which he proposes to enter with manufacturers of dyes will include any provision relating to the exclusion of foreign dyes from this country; and, if so, what will be the general terms of such provision.

Sir Albert Stanley replied: There is no intention that the agreements which will be entered into with manufacturers of dyes shall include any provision relating to the exclusion of foreign dyes from this country.

### THE WEYBRIDGE TRIBUNAL.

General McCalmont, in the House of Commons on July 29, asked the Minister of National Service whether a protest was recently made by a discharged soldier of fifty before the Weybridge Tribunal against the Secretary and a member on the ground that they were both of the original military age and had not served; and whether he proposes to take any steps in the matter or in similar cases elsewhere.

Mr. Hayes Fisher, who replied, said he had not previously been informed that a protest had been made, but he is making inquiries into the case.

### CIVIL LIABILITIES COMMISSION.

Mr. Trevelyan, on July 30, asked the President of the Local Government Board whether the Civil Liabilities Commissioners will take into consideration, in view of the increased cost of living, the raising of the maximum allowance to all men who have to close down their business from 104*l.* per annum to some higher figure, such as 180*l.*

Mr. Walsh, who replied, said the grants made by the Civil Liabilities Committee are made in respect of certain contractual obligations such as rent, interest, and instalments on purchases, insurance premiums, etc., and not in

respect of maintenance. It does not seem to be necessary to increase the grants in view of the increased cost of living.

### ECONOMIC BOYCOTT OF GERMANY.

Sir R. Cooper, in the House of Commons on July 29, asked if, in view of the interest in the suggestion of an economic boycott of Germany by all the Allies after the war, he will use his influence to persuade the Governments of the Allies to make a united declaration to the effect that for every month that hostilities are maintained after the date of the declaration a drastic economic boycott will be maintained for a year against the Central Empires and their Allies.

The Chancellor of the Exchequer said he was unable to add anything further to an answer he gave earlier in the month.

### THE SUPPLIES OF LAC.

Colonel Yate, on July 29, asked the Secretary of State for India whether, in view of the importance of lac to the commercial and military interests of the Empire and the fact that India holds a practical monopoly of this natural resin, large quantities of which used to go to Hamburg and Bremen before the war, information can be given as to what measures will be adopted by the Indian Government to encourage the production of Indian lac and facilitate supplies to British markets.

Mr. Montagu, in reply, said that he could at present make no statement on the subject, but the general question of post-war economic policy is now engaging the close and constant attention of the Government of India.

### GOLDBEATER'S-SKIN INDUSTRY.

Our Parliamentary correspondent states that Major Newman has been asked by the President of the Board of Trade to postpone his question in regard to the goldbeater's-skin industry which before the war was monopolised by Germans. The hon. member proposes to ask the President whether he is aware that the numerous firms and individuals of enemy origin which, at the commencement of the war, were engaged in the supplying of goldbeater's skin to Germany for the construction of her lighter-than-air fleet and are now placed on Government work as protected industries for the supply of certain surgical dressings are allowed an ample supply of protected labour, including uninterned and released-from-internment Germans; and will he say why the few British firms that are in the casing industry have the greatest difficulty in getting sufficient labour and have been allotted none of these enemy subjects to help them to carry on similar work to that being done by their alien competitors.

### GAS FOR WARFARE.

Sir J. Harwood-Banner, on July 24, asked the Under-Secretary of State for War whether the production and use of gas for war purposes is under the management of the War Office, the Trench Warfare Department, or Lord Justice Moulton's High Explosive Committee; and if he can give any information as to the comparative effectiveness in quality and quantity of the British gas in shells and bombs as against the German gas.

General Seely, who replied, said the Ministry of Munitions is responsible for the production of gas for warfare purposes, research being undertaken by the Chemical Warfare Department, manufacture by the Explosives Supply Department, and filling of shells and other containers by the Gun Ammunition Filling Department. The responsibility for the use of gas rests with the Command in France. It is not in the public interest to give information as to the comparative effectiveness of the numerous types of gas used in British and German shells.

### PROMOTING THE MANUFACTURE OF DYES.

The House of Commons on July 25 agreed to a grant of one million pounds (the first instalment of a total sum of 2,000,000*l.*) which is to be devoted to promoting the manufacture of aniline dyes in this country. Part of the money is to be used in the form of loans for research to companies making dyes, and for contributions in aid of extension of plant and buildings. Sir A. Stanley, President of the Board of Trade, explained that progress in the dye industry had been checked by the necessity of devoting part of the works to the manufacture of munitions. Those manufacturers who have not been making explosives for the Government have made relatively more progress in the dye department. In the course of the debate Sir Wm. Essex drew attention to the fact that the manufacture of synthetic drugs for medicinal use is bound up with the manufacture of dyes. Mr. Runciman also called attention to the same point. He said not only explosives but drugs also are mixed up with the production of these aniline dyes. From our recent experience we know that we must treat the manufacture of explosives and drugs in the same category as being absolutely necessary for the defence of this country, and just as essential as the building of destroyers and battleships or the making of guns.



## Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," June 19, 1918.)

- "DENASET BRAND ANESTHETIC," "EVOLETS BRAND TABLETS," and "LENIVA BRAND APRIENT"; for medicinal chemicals (3). By Giles, Schacht & Co., 27 Regent Street, Clifton, Bristol. 382,188/189/223.
- "KAFFE BRAND MEDICINAL POWDER FOR HEADACHE"; for a headache powder (3). By S. H. Cheetham, 144 Whitworth Road, Rochdale. 382,469.
- "THERMUL" over knot device (device disclaimed); for sterilised sutures, etc. (11). By W. MacAdie, 43 Whippendell Road, Watford. 382,827.
- "MITRUCO"; for surgical instruments, etc. (11). By the Mitcham Rubber Co., Ltd., 26-30 Duke Street, Aldgate, E.C. 3. 382,916. (Associated.)
- "ZANZUCCA"; for food-substances (42). By Randal, Woollatt & Co., Ltd., 38-41 Fair Street, S.E. 1. 382,664. (Associated.)
- "MILKSEBRO"; for all goods (42). By F. H. Lockyer Supply Co., Ltd., 56 Arley Street, Liverpool. 382,772.
- "SUCRADAWS"; for sugar substitutes (42). By the Direct Supply Aerated Water Co., Ltd., 135 Fulham Palace Road, W. 6. 382,800.
- "JONTIEL" on oval bird device; for toilet articles (48). By United Drug Co., 43 Leou Street, Boston, Mass. 380,289. (Associated.)
- "ESOL"; for toilet articles (48). By A. Carreras, 207 King Street, Hammersmith, W. 6. 382,369.
- "CLYITE" and "L'AGE D'OR"; for perfumery, etc. (48). By Yardley & Co., Ltd., 105 Carpenter's Road, Stratford, E. 15. 382,695/697.
- "MUSCUM"; for toilet articles (48). By G. F. Mitchell, 13 Crown Street, Aberdeen. 382,790.

(From "The Trade-marks Journal," June 26, 1918.)

- "METSOL"; for goods (1). By Metsol, Ltd., 40 Brown Street, Colne. 379,287.
- "RAB"; for chemicals (1). By R. A. Bird & Co., 140 West George Street, Glasgow. 382,089.
- "MECORAL"; for photographic goods (1). By R. E. Carter, 39 St. James' Street, Piccadilly, S.W. 1. 382,919.
- "METZOL"; for photographic chemicals (1). By Metzol, Ltd., Scots Bridge Mill, Rickmansworth. 382,950. (Associated.)
- "LIFEBOY" and "SALVAVIDA" over picture of man throwing life-belt; for chemicals (2) and for goods (47). "VIM" and device; for goods (47). By Lever Bros., Ltd., Port Sunlight. 382,528/529/875. (Associated.)
- "HARSTON"; for chemicals (2), medicinal chemicals (3), and for goods (47). By Harrod's Stores, Ltd., Brompton Road, S.W. 1. 382,983/984/985. (Associated.)
- "CURACEA BRAND LIQUID NERVE TONIC"; for a nerve tonic (3). By Marvin Brothers & Hounscome, 48 Elm Grove, Peckham, S.E. 15. 381,867.
- "INADREP BRAND OINTMENT"; for ointments (3). By G. Pediani, 460 Dumbarton Road, Dalmuir. 382,952.
- "EL TANQUE TODO LO AVASALLA" with tank device (3); for medicinal chemicals (3). By Scriven Bros. & Co., 40 Weston Street, London, S.E. 1. 383,273.
- Monogram "D D D" on oval device; for all goods (3) and (48). By the D.D.D. Co., Ltd., 3 Fleet Lane, E.C. 4. 383,285. (Associated.)
- "ALPHA"; for photographic paper (39). By Ilford, Ltd., Roden Street, Ilford. 383,031. (Associated.)
- "OYOL"; for food-substances (42). By J. Thompson & Sons, Ltd., Gamble Street, Belfast. 383,075.
- "TRI"; for food substances (42). By J. Nathan & Co., Ltd., 88 Gracechurch Street, E.C. 3. 383,168.
- "LEMSERVE"; for food substances (42). By Sutcliffe & Bingham, Ltd., Ogden Street, Cornbrook, Manchester. 383,210. (Associated.)
- "ISONA"; for perfumery, etc. (48). By Orela, Ltd., 37 Berners Street, W. 1. 382,049.
- "MATAHARI"; for perfumery, etc. (48). By M. Neville, 117 Bollo Bridge Road, Acton, W. 3. 382,457.
- "REVE DORE" and "TOILE D'ARGENT"; for perfumery, etc. (48). By F. S. Cleaver & Sons, Ltd., Gould Road, Twickenham. 382,877/938.

(From "The Trade-marks Journal," July 3, 1918.)

- "REMEDIAT" and "PROTOX"; for medicinal chemicals (3). By S. C. H. Roberts, 5 Coventry Street, Piccadilly, W. 1. 381,940, 382,014.
- "SPEEDWELL PERFUMED SOAP JAMES MELLIS & CO." and facsimile signature ("Speedwell" disclaimed); for medicated soap (3). By J. Mellis & Co., High Street, Prestonpans. 381,966. (Associated.)
- "S F C," "A SCENT FOR COLDS," and numerals 26640 on label device ("S.F.C." and 26640 disclaimed); for a medicine (3). By Potts & Rees, 62 South Audley Street, W. 1. 382,163.
- Heraclid device on oblong label with name "Vernon Richard Wilks"; for all goods (3), food substances (42), all goods (43), mineral waters, etc. (44), all goods (47), and perfumery, etc. (48). By V. R. Wilks, 5 Clarendon Road, West Hartlepool. 383,079/080/081/082/083/084. (Associated.)
- "ANTI-PAIN LINIMENT" and facsimile signature ("Anti-pain" disclaimed); for liniments (3). By P. G. Dales, 8 Barnsley Road, Stafrfoot, near Barnsley. 383,146. (Associated.)
- "SEGLANDOLL BRAND MEDICATED SCURF POMADE"; for a scurf-pomade (3). By Vera M. H. Menko, 21 Cavendish Mansions, West Hampstead, N.W. 6. 382,872.

- "ZANZEGG"; for food substances (42). By Randal, Woollatt & Co., Ltd., 38-41 Fair Street, Tooley Street, S.E. 1. 382,663. (Associated.)
- "SOMOA" and "DRANSFRED"; for food substances (42). By Dransfield & Price, 8 Rainford Gardens, Liverpool. 382,817.
- Square device with silhouette of lady's head in circle and word "ARMAND'S" ("Armand's" disclaimed); for perfumery, etc. (48). By the Armand Co., East First Street, Des Moines, Iowa, U.S.A. 381,609.
- "LAVOFIX" and "LAVON"; for toilet-articles (48). By White Band Manufacturing Co., Ltd., 121 Selsdon Road, South Croydon. 382,998/999. (Associated.)
- "LA DESTINEE" and "SECRET DE NINETTE"; for perfumery, etc. (48). By The Erasmie Co., Ltd., Bank Quay, Warrington. 383,097/098.
- "BRILL-FIX"; for all goods (48). By John J. Denton, Ltd., 7 Williamson Square, Liverpool. 383,235.

(From "The Trade-marks Journal," July 10, 1918.)

- "JOLLY FARMER"; for pig powders and cattle medicines (2). By Cheesbrough's Manufacturing Co., William Street, Stockton-on-Tees. 382,787.
- "ABUNDA"; for goods (2). By Stonehouse Works Co., Houghton Street, Stockton-on-Tees. 383,193.
- "ENT"; for medicines (3). By W. E. Partridge, 451 Gloucester Road, Horfield, Bristol. 382,002. (Associated.)
- "PROCULO BRAND OINTMENT"; for all goods (3). By J. H. Low, 77 Broad Street, Fraserburgh. 382,416.
- "CHILBAR BRAND CHILBLAIN OINTMENT"; for a chilblain ointment (3). "EXOM BRAND SKIN OINTMENT"; for a skin ointment (3). By White Band Manufacturing Co., Ltd., 121 Selsdon Road, South Croydon. 382,996/997.
- "SENDINETE BRAND PHARMACEUTICAL PREPARATION"; for a medicine (3). By A. A. Guerra, 38a King William Street, E.C. 4. 383,395.
- "JOLLY-BOY"; for food-substances (42) and for polishes, etc. (50). By the Jolly Boy Co., Ltd., 32a Alma Street, Blackburn. 383,102/3.
- "MILESTONE BRAND"; for food-substances (42). By South Irish Milk Co., Ltd., 69 Mark Lane, E.C. 3. 383,206. (Associated.)

## Information Department.

### INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

- |   |   |
|---|---|
| 136/66. Barry's pearl cream                 | 123/23. Lister water-purifying bag                  |
| 136/66. "Crème de la Reine"                 | 132/54. "Perfection" adjustable binder (for ladies) |
| 139/61. Vanatonic wine                      | 139/23. Carter's "Threaxline"                       |
| 140/9. Brook's "Lemos"; makers or suppliers |   |

### INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4:

- |   |  |
|---|--|
| Chemists' overalls, 111/69                    | "Ogee" preparations, 77/14                 |
| "Chocoloids," 124/40                          | Packer's coal-tar soap, 111/48             |
| "Cholestegin," 121/13                         | Parr's pills, 98/43                        |
| "Christia" tissue, 124/46                     | "Perborin," 100/9                          |
| Concentrated tincture of avena sativa, 130/23 | Phenacetin, British makers, 94/54          |
| "Culto" nail polish, 101/46                   | Poudre Nildé, 131/36                       |
| "Curie" wafers, 100/67                        | Quinphos, 58/12                            |
| "Cutex" preparations, 89/46                   | "Rador," 74/71                             |
| "Cutexine," 104/23                            | Roger & Gallet's preparations, 144/5       |
| "Cuticura" soap, agents, 84/22                | "Rough-on-Rats," 76/7                      |
| "Cuticura" specialties, 126/63                | "Royal" baby comforters, 95/47             |
| "Cyllin," 75/73                               | Rubber corks, 80/63                        |
| "Diabetol herb," 125/22                       | "Selvyl" cloths, 69/45                     |
| "Ejecthair," 107/7                            | Signs, interchangeable, 92/61              |
| "Enterprise" urethral syringe, 94/13          | "Simplex" atomisers, 89/48                 |
| "Eukinase," 121/14                            | Sloan's liniment, 61/46                    |
| "Factative," 78/12                            | Smedley's chillie paste, 125/22            |
| Felt corn-plasters, 84/66                     | Smith's ergoapiol capsules, 76/738         |
| "Flowers of Oxolin," 94/30                    | "Snap," 60/47                              |
| Fraser corn plane, 105/73                     | Stainton's petroleum compound, 132/74      |
| "Frozoclone," 88/57                           | "Sterules," 26/56                          |
| Grimault's Syrup, 124/39                      | "Sun" boiler, 30/22                        |
| "Hamman bouquet," 116/5                       | Tablet-makers, 131/29                      |
| Hommel's Hæmatogen, 112/65                    | Tablet-making machinery, 48/21 and 131/29  |
| Hudson's vegetable leaflets, 105/74           | Tablets effervescent contre-éville, 131/55 |
| "Iodocaine," 118/3                            | "Tatcho," 101/12                           |
| Kauffman's sulphur bitters, 125/22            | Temperature charts, 128/49                 |
| "Marvel" whirling spray, 133/42               | Terebene balsam, 113/72                    |
| "Mexican" hair-renewer, 76/734                | Therapion, 61/420                          |
| Miller's platypus eucalyptus oil, 133/25      | "Thialion," 31/70                          |
| Moore's toxin, 113/19                         | Velvete cream, 128/71                      |
| Morgan's pomade, 113/2                        | Welch's grape-juice, 123/55                |
| Morton's "Mother's Friend," 114/66            | "Weno," 51/54                              |
| Nisbet's specific, 112/16                     | Whelpston's pills, 1/42                    |
|   | Williams's (Dr.) pink pills, 115/12        |



## Observations and Reflections

By Xrayser II.

July 31, 1868.

is a date that will always live in the memory of British pharmacists. The circumstances of the time are still fresh in my mind, and do not need the jubilee of the Act to recall them. It would be interesting to know how many men actively engaged in pharmacy when the Act was passed are still alive. No doubt the number is considerable, for we are a fairly long-lived race; but probably not many who, being then in business, took an active part in the promotion of the measure could now answer "Adsum" were the roll of their names to be called. One I know, honourably distinguished along with a personal friend of mine who has for more than forty years been sleeping in a little churchyard in the Isle of Wight, for his generous advocacy of the claim of unexamined men in business to be admitted as members of the Pharmaceutical Society—I mean Dr. Charles Symes, of Liverpool, then, and for some years afterwards, in business at Birkenhead. My own interest in the measure was, I confess, somewhat lukewarm. I was at the time an assistant in a well-known pharmacy at the West-end; I had passed the Preliminary some years before, and was looking forward to the Minor in due course; but it happened that none of the men with whom I was in closest contact were enthusiastic supporters of the Society or its policy—in fact, there was a general tendency among them to decry both. This was, strange as it may seem, more noticeable in London than in the North. I had come up from the country eager enough for pharmaceutical honours, to find my ardour damped by the indifference of my London employer and his friends, and, I might say, of several men to whom I had applied for a situation. I have no doubt that the arrogant attitude of some of the Bill's supporters was largely to blame for this. We have now happily agreed to let bygones be bygones, but the lesson remains and must not be forgotten.

### Another Lesson

may, I venture to think, be drawn from the story of the passing of the Pharmacy Act, 1868, in addition to those you mention. It is that it is a mistake to set up an artificial distinction between two sets of men carrying on precisely the same work, with precisely the same responsibilities. This the Act did; the jealousy of the old pharmaceutical chemists on the one hand, and the antagonism of the common or garden chemist on the other—but chiefly, of course, the former—led to the statutory recognition of chemists and druggists in addition to the pharmaceutical chemists of the Act of 1852. Thus it became necessary to guard the new statutory title, and this was done in such a way as led to the logical absurdity of forbidding the use of the separate titles "chemist" and "druggist" to men who have naturally as good a right to them as we, and who were therefore morally certain to contest our exclusive right to them sooner or later. Had the proper course been taken—that of granting the title of pharmaceutical chemist to all who should be registered under the Act, and granting a distinctive higher title to those who specially qualified for it—we should have saved endless trouble and heart-burnings. We should learn from this not to quarrel about such trifles, but be guided by common sense.

### To Draw a "Foul Example from Fair Names"

is easy. I am

aware that "necessities" has for centuries been occasionally used for "necessaries," but it is foolish to do it, since it is not necessary and may cause confusion. "The necessities of life" is a phrase that cannot possibly be misunderstood; apart from its context "the necessities of life" may be. Standing alone it would naturally be construed in a very different sense from Mr. Humphrey's, and I cannot understand how any writer can purposely choose it in preference to the other. Shakespeare may have so used the term, but not, I think, purposely; be this as it may, the increasing tendency to use it so in our day is to be deplored and resisted.

### Mr. Glyn-Jones, in Search of a Precedent

(at the presentation to Mr. Woolcock) for a pharmaceutical tea-party, fell, I fancy, into a little error as to the historic meetings at the Crown and Anchor, in the Strand. Is it a fact that any of these meetings were meetings of the Council? Can it in any case be said that the Council was "wont" to repair thither for "social" purposes? I do not so read my Bell and Redwood. The first recorded meeting at the Tavern was one of chemists and druggists called together to discuss the Medical Bill of Mr. Hawes, on February 15, 1841. A Committee of thirty-three persons was there formed, and it was this Committee (or some of its members) which about a month later met at Jacob Bell's house to take tea and counsel. They decided upon the formation of a Society and called a second meeting at the Crown and Anchor for April 15, at which a larger Committee was formed, a draft of the proposed laws of the new Society was presented, and it was resolved that the Committee should be the Society's first Council. The only other meetings at the Tavern recorded by Bell and Redwood are that of subscribers to the Trust Fund on November 1, 1841, and a general meeting of chemists and druggists in 1845. We are distinctly told that until the Society acquired the premises in the Square, in December 1841, its monthly meetings were held at Jacob Bell's house, and the meetings of the Council at the houses of its members. Mr. Glyn-Jones's references, whether to Tea-party or Tavern, were therefore not accurate. The nice point as to the Society's birthplace I leave my readers to decide according to their individual preferences. May I suggest as a compromise between extremists that we were conceived at a Tea-party, but born in a Tavern?

## Trade Notes.

**HARRISON'S POMADE.**—From August 1 the protected prices of Harrison's pomade will be 6d. and 1s. retail. The wholesale prices are given in Mr. Geo. W. Harrison's advertisement.

**TWINKO** is a non-abrasive hand-cleaner for the use of munition-workers, mechanics, motorists, etc., which is sold retail in tins at 4d. and 7d. and manufactured by Vinolia, Ltd., Bebington, Cheshire.

**KEATING'S POWDER.**—A caution regarding a swindler who falsely represents himself as a traveller from Thomas Keating, Union Street, London, S.E. 1, appears in our advertising columns.

**IDEAL PACKING.**—Attention is drawn to a new method of making divisions for packing-cases in the advertisement in this issue of J. B. Dyson & Son, Ltd., Birmingham. The method is particularly adapted for use in packing proprietary articles.

**TIN BOXES.**—Ernest Taylor, Ltd., is the new title of the Liverpool Tin Canister Co., Ltd., Breeze Lane Works, Walton, Liverpool. The company have completed a new factory for the manufacture of drums and kegs, and hope shortly to have another factory completed for making composite boxes (cardboard bodies, tin tops and bottoms).

**MORE FACE-VALUES.**—Ashton & Parsons, Ltd., La Belle Sauvage, Ludgate Hill, London, E.C. 4, announce that from July 31 the retail price of Phosferine and the other proprietary medicines will be at face-value—viz., 1s. 3d., 3s., 5s., and 12s. An announcement regarding a bonus for window-show of Phosferine is made in the company's advertisement.

**EXPORTERS' DIRECTORY.**—Lindley Jones & Brother, 16 St. Helen's Place, London, E.C., have just published the 1918 edition of "The Mercantile Year-Book and Directory of Exporters." The book has been produced under conditions of great difficulty caused by a depleted staff, shortage of paper, and printing delays. At the same time, the issue will bear comparison with its predecessors, the information given being full, accurate, and up to date.

**GERMAN HUMOUR.**—A Socialist deputy stated in the Reichstag that the tobacco supplied to the army could not be smoked. It consisted of beech-leaves, and in spite of this 1.20m. tobacco-tax was demanded on it. The tobacco was so bad that the deputy had received a letter from a soldier stating that the success of the last offensive was due to the fact that the French were unable to protect themselves against the tobacco fumes.





## DISINFECTANTS

(FLUID, POWDER, AND HARD,  
SOFT AND TOILET SOAPS).

ALSO

- "Sanitas Fluid" No. 2 (Crude). Non-poisonous, disinfectant and deodorant.
- "Sanitas-Bactox." Homogeneous Phenoloid Disinfectant; 18/20 coefficient.
- "Sanitas Okol." Emulsified Phenoloid Disinfectant; 18/20 coefficient.
- "Sanitas Syppol" (Improved Lysol.)
- "Sanitas Sulphur Candles."
- "Sanitas Formic Sulphugators."
- "Sanitas Formigators."
- "Sanitas Drain Testers."
- "Sanitas Polishes."
- "Sanitas Distemper" for walls.
- "Sanitas Creoleum" (wood preserver).
- Peroxide of Hydrogen (Kingzett's Preserved).

Kingzett's Patents.

THE "SANITAS" CO., LTD.,  
Locksley Street, Limehouse, LONDON, E. 14.

## BRITISH ABSOLUTE ALCOHOL

Jas. Burrough Ltd. D.I. Cale Distillery, Hutton Rd.,  
LAMBETH, S.E. 11

## Keating's Powder.

### NOTICE.

Caution, and Five Pounds (£5) Reward.

IT having come to my knowledge that a man of light complexion and about 5 ft. 7 in. in height has been visiting Manchester, Wolverhampton, Leicester and other places, representing himself as my credited representative, and selling packages of what he falsely calls KEATING'S POWDER, I HEREBY GIVE NOTICE that the man above referred to is not employed by me, he is not my credited representative, that I do not employ any travellers at all, and that the powder he is selling is NOT Keating's Powder, and I hereby caution the public against him. I hereby also offer a Reward of Five Pounds (£5) to such person as shall first give to me or to the Police such information and evidence as will lead to the arrest and procure the conviction of the man in question.

KEATING'S POWDER is sold only in sealed packages and wrapped in green paper with the signature "THOMAS KEATING" on a red label.

THOMAS KEATING.

50/8 UNION STREET,  
SOUTHWARK,

LONDON, S.E. 1.

### IMPORTANT NOTICE.

## Harrison's Pomade.

The P.A.T.A. Price of the above from Aug. 1 will be

6d. & 1/- Wholesale Price, 53s. 4d.,  
Retail. 106s. 8d. per gross.

Subject to 10% Discount for cash with order on one gross and upwards, carriage paid.

SHOWCARDS supplied when asked for.

GEO. W. HARRISON, Manufacturing Chemist, Reading.

### UNCONTROLLED

## SACCHARIN TABLETS

Price—

8,000 (one pound) for £7 0 0

4,000 (half-pound) for £3 15 0

Any quantity delivered free.

Cash with order.

MANRIEVE & CO., 42 Oxford St.,  
LONDON, W. 1.

Phone: Museum 680.

*Ketchers' Concentrated Liquors*  
offer a perfect alternative to the discarded  
B.P. Tinctures and Syrups.

FLETCHER, FLETCHER & Co., Ltd., HOLLOWAY, LONDON, E.

## Editorial Articles.

### "Lest we Forget."

THE fourth anniversary of the declaration by Great Britain of war against Germany takes place on August 4. Since 1914 this country and the gallant nations in alliance with her have waged war against the most treacherous and brutal nation the world has ever known. The ideals of the Allies remain, and although the task is not yet accomplished there is no doubt of the justice of our cause and that we shall ultimately triumph against the powers of Evil. Meanwhile the temper of the nation is steadily rising against Germany, as is shown by the trend of recent legislation. Enactments such as the Non-Ferrous Metals Act and pending legislation with regard to trading with the enemy, enemy patents, and the naturalisation laws are intended to prevent Germans readily resuming business relations with this country at the conclusion of hostilities. Comfortable complacency is impossible among those of us who have had relatives and friends killed or maimed in the war, or who have been stirred by the proved atrocities practised by the Germans on helpless civilians, prisoners, and shipwrecked mariners. The war has lasted long enough for the conviction to filter into the mind of the most detached thinker that the German ideals of treachery and brute force must be smashed if this much-suffering world is to have a lasting peace. With the fresh vitality of the manhood of the United States added to the cause of the Allies, the punishment of Germany and her criminal allies is rendered sure and certain. We in the drug-trade have a special grievance against



Germany because of the degradation she has brought upon chemistry by the introduction of the use of poisons in warfare. The Chemical Society has already marked its opinion of this prostitution of chemical science by removing all Germans from its list of honorary members. It is a question, however, whether we in the drug-trade are doing all we can to make it hard for enemy nations to do business here in the future. It is our patriotic duty to use all lawful weapons against our enemies, and those of us who are not in the fighting line should exert themselves to inflict on the Germans as much economic harm as possible. One way to do this is to make it as difficult as possible for enemies to recover their lost trade with this and Allied countries. In no trade is this so necessary as in chemical industry and pharmacy. Before the war the greater part of the fine chemicals used in medicine came from Germany. As we have done without supplies from that country for four years, it is safe to assume that we are in a position to continue to do so indefinitely. But the most potent reason for banning German fine chemicals in future is the knowledge that the German chemical-factories were planned for the manufacture of munitions and of poison gases, and that a number of German agencies in this country were spy centres. It is the products of these poison-gas factories which Germany will seek by fair means or foul to re-introduce into this country after the war. The following is a list of some of the German poison-gas factories:

**ACTIEN GESELLSCHAFT FÜR ANILIN FABRIKATION**, an der Treptower Brücke, Berlin. Chiefly known in the drug-trade for their photographic chemicals, which were sold under the brand-name "A.G.F.A." The company still possess in this country the registered trade-marks adurol, eikonogen, imogen, rhodinal, and unal for photographic developers; and among those for pharmaceutical chemicals are barutin, bromocoll, perinol, tannobromin, and tannocoll.

**BADISCHE ANILIN- UND SODA-FABRIK**, Ludwigshafen. Manufacture aniline dyes, sulphuric acid, and liquid chlorine. It is at this factory that the chlorine and phosgene used by the Germans in poison-gas warfare is manufactured. The factory is a prominent landmark in the neighbourhood of Mannheim, and has been bombed many times, with good effect, by Allied airmen.

**C. F. BOEHRINGER & SOEHNE**, Waldhof, near Mannheim. Known for the manufacture of alkaloids, especially the "B. & S." quinine. There is reason to believe that this and other alkaloid-factories are making veratria and similar drugs used in poison warfare. Among the trade-marks of this firm registered in this country are ferratin and lactophenin.

**CHEMISCHE FABRIK AUF ACTIEN** (VORMALS E. SCHERING), Müllerstrasse, Berlin. Manufacture photographic chemicals, salicylates, bromides, chloral hydrate, and own in this country the trade-marks adorin, argentamin, empyroform, eucaine, eupthalmin, glutol, hippol, medinal, paraform, and sublammin.

**CHEMISCHE FABRIK VON HEYDEN**, Radebeul, near Dresden. Manufacture technical and pharmaceutical chemicals. The company have a branch house at Nidau, in Switzerland.

**FARBENFABRIKEN VORMALS FRIEDRICH BAYER & Co.**, Elberfeld. Manufacture aniline dyes and pharmaceutical and photographic preparations. Among the large number of trade-marks registered in this country as belonging to this company are aristol, citarin, diaspirin, edinol, epicarin, eumydrin, euphaphen, hedonal, iodothyrene, lycetol, mesotan, monotol, protargol, resaldol, salophen, somatose, sophol, tannigen, tetronal, theocin, and veronal.

**FARBWERKE VORMALS MEISTER, LUCIUS & BRÜNING**, Höchst. Manufacture aniline dyes and chemicals, which bear their trade-mark, a crouching lion. Among the other trade-marks which this company own in this country are albarzine, alumnol, anæsthesin, argonin, benzosol, citarin, dermatol, gujasanol, nutrose, orthoform, oxaphor, pyramidon, trigemin, and tumenol.

**C. A. F. KAHLBAUM**, Berlin. Known in this country as makers of pure chemicals. Now making mustard gas and other chemicals used in poison warfare.

**KALLE & Co.**, Biebrich. Make aniline dyes and pharmaceutical products.

**KNOLL & Co.**, Ludwigshafen, near Mannheim. Own the trade-marks aperitol, digipuratum, ichthalbin, iodoformogen, purzitol, santyl, scapauratum, and tannalbin.

**E. MERCK**, Darmstadt. Manufacture fine chemicals for pharmaceutical purposes, and have doubtless now turned their premises into a poison-gas factory. Among the trade-marks registered in this country are clavin, dinion, and propional.

There are many other poison-gas factories in Germany, but the samples given are sufficient to show the enormous interests involved and the strenuous work that will have to be done to prevent the re-establishment of German chemical-trade in this country. Members of the trade are in the position of the middlemen: Doctors prescribe German drugs and the public are induced to ask for them, but this is mainly thoughtlessness on the part of the doctors and the public. They do not realise the harm they are doing the commonwealth by using the products of enemies. It is imperative, therefore, that an educational scheme should be undertaken by individual chemists or chemists' associations. Those who realise the importance of injuring Germany as much as possible—no peace terms can ever punish the German nation sufficiently—are offered the following suggestions: Write to your local doctors, to your wholesale houses, and to the Pharmaceutical Society asking their co-operation and assistance in preventing German chemicals being used in this country until Germany has expiated its crimes. The public might be reached by means of small showcards displayed in the window and on the counter. Members of Parliament and the staffs of local newspapers should likewise receive attention in cases where they are known to chemists. Perhaps the following suggestions for letters may be found useful:

#### TO MEDICAL MEN.

In view of the conduct of the German nation as revealed by the war, we should be glad if you would refrain from prescribing products of the German poison-gas factories. The supply of medicinal chemicals by the British and the Allied nations, the development of which has been hindered by war conditions, will in this way be encouraged and an adequate supply of medicaments ensured in future. We shall be pleased to give all the information and assistance we can in the matter.

#### TO THE PHARMACEUTICAL SOCIETY.

As a member of the Society, I consider it necessary that the Council should take all possible steps to prevent the reintroduction of German drugs and chemicals into this country on the conclusion of hostilities.

#### TO WHOLESALE HOUSES.

To assist in the adequate punishment of Germany for the treachery and brutality displayed during the war, I should be pleased of your assurance that you will do all you can to obviate the necessity for the purchase of German drugs and chemicals.

#### WORDING FOR SHOWCARDS.

Do everything in your power to stop the use in future of German drugs and chemicals. Ask for "British" or "Allied" brands.

We want your help to prevent the products of the GERMAN POISON-GAS FACTORIES from being brought into this country on the conclusion of hostilities. Ask us about them when buying.

The German chemical-works which are now making poison-gases will, after the war, want to sell their drugs and chemicals in this country. Will you help to prevent this by refusing to buy them?

Meanwhile in spite of difficulties caused by war conditions the manufacture of medicinal chemicals is increasing in this country. The establishment of a national dye-industry, and the consequent manufacture of intermediate products on a large scale, is laying the foundation for an enormous business in synthetic chemicals. Everything possible must be done to encourage British manufactures, and we hope that the anniversary of the war will remind chemists that they can do a good deal to place this important British industry on a solid foundation.

### Cellulose Acetate Supply.

THE fifth Report from the Select Committee on National Expenditure just issued is particularly interesting in its bearing on the future of one important branch of chemical industry in this country. The bulk of the Report is taken up with a review of the negotiations between the War Office in the first place (and later the Ministry of Munitions) and certain manufacturers regarding the manufacture and supply of cellulose acetate. The acetate is the principal ingredient, as most of our readers are aware, in the dope used for aeroplane-wings and as a film for wind-screens for aeroplanes. In its manufacture paper or pulp and acetic anhydride bulk very largely. In the early days



of the war cellulose acetate was not manufactured in this country, the principal supply coming from the Société Anonyme des Usines du Rhone, of Lyons, and from the Cellonite Company of Basle. Early in 1915 the War Office made inquiries as to the possibility of manufacture here. As a result three companies were invited to tender for 100 tons of cellulose acetate to be manufactured in this country. Of these, the Cellonite Company alone tendered. No tender was issued to the Ceylon Company of London, which was in touch with the Usines du Rhone and other French experts, although the superiority of the Rhone product had been put before the War Office by the London company. The Cellonite Company undertook to manufacture in England within six months, but there appears, according to the Report, to have been some misunderstanding as to the manufacture here of the most important ingredient, acetic anhydride. The tender of the Cellonite Company was accepted in July, 1915, and Dr. Camille Dreyfus, the representative of the Swiss company, immediately raised the question of the effect upon the undertaking of possible excess-profits taxation. This led to prolonged negotiations between the War Office and the Treasury, which apparently led to further misunderstandings; meanwhile the British Cellulose Company was formed early in 1916 for the purpose of erecting works and carrying on the War Office contract. The capital stated to be required was 120,000*l.*, and the programme of manufacture—promised to begin within four months from the date of the commencement of the building—was 2 tons daily of cellulose acetate, 5 tons of acetic anhydride (replaced in the firm's letter of March 24 by an equal amount of methyl acetate), and half a ton each of triacetine, triphenyl phosphate, and aspirin. A building licence was applied for in August 1916, but in the previous month Dr. Dreyfus had written to the Contracts Branch of the War Office that he hoped to begin the manufacture of cellulose acetate at the end of the next month. During practically the whole of the period of these negotiations offers to manufacture were made by other companies. The Admiralty appear to be more enterprising than the War Office, and they persistently pushed forward the claims of other firms in order to widen the sources of supply, and thus to secure competition in manufacture and raise the quality of the product. The Cellon Company and the United Alkali Company, Ltd., got in touch with the Usines du Rhone and offered to manufacture in England. The Cellon Company, which approached the War Office direct on the advice of the Admiralty, were told that if they cared to put up plant at their own expense they could tender for the next requirements of the War Office for cellulose acetate. The United Alkali proposal put forward by the Admiralty was turned down, the Admiralty being informed that the British Cellulose Company would commence output at once. The hopes held out by Dr. Dreyfus that the cellulose acetate would be produced at new works by the end of August 1916 were not better founded, states the report, than his previous promise in November 1915, for it was not until April 1917 that any supplies were manufactured, and it was July, before the material was forthcoming in quantity. In the meantime the Admiralty continued to worry the War Office regarding other sources of supply, and eventually were told that they could arrange their own source of supply. Whereupon the Admiralty contented themselves by relying entirely upon the French product until later they agreed to obtain all supplies from the Department of Aeronautical Supplies. When the Ministry of Munitions took hold at the end of February 1917 cellulose acetate was being obtained partly from Basle and partly from the Usines du Rhone. The British Enamillite Company and the Cellon Company were using the Lyons product as much as possible, and these, together with the United Alkali Co., Ltd., were doing their best to introduce the Usines du Rhone product into England. In their formal application of March 24, 1916, the British Cellulose Company offered to the War Office an output of 5 tons per day of methyl acetate, which was then being spoken of as a possible solvent for dope. Shortly afterwards Dr.

Dreyfus put forward another proposal for the installation of plant and the manufacture of calcium carbide, synthetic acetic acid, pure acetone, and ethylic alcohol, provided the necessary priorities were received and orders given to justify the expenditure. In June 1917 an order was placed for 2,500 tons of methyl acetate or acetone (involving about 450,000*l.*), delivery to begin in four weeks. No methyl acetate was delivered from that factory until May 1918. Meanwhile new and larger contracts were being placed with the British Cellulose Company for cellulose acetate. Eventually, as a result of the stoppage of imports from France (due to a temporary coal shortage), the supply of dope in this country became, in July 1917, precarious. Supply officers of the Ministry were sent to visit the British Cellulose Works; the output of which was far below the promises. As a result more privileges and more plant, expert chemical help, and so forth, were given to the company, and all offers of alternative manufacture were ignored. The company asked for still further financial assistance to increase their plant, and this was apparently agreed to, although, as the Report states:

No financial sanction whatever has been issued for these extensions, which have been proceeding for nearly a year and are stated to involve in all an expenditure of over 3,000,000*l.*

The Report goes very fully into the recent negotiations, the present situation, and the expenditure involved. In a significant paragraph the Report states:

Some of the items of expenditure deserve further consideration. The first unit, apparently capable of producing 6 tons per week of cellulose acetate (with acetic anhydride), and completed by July 1917, was said by the firm in evidence to have cost about 350,000*l.*. The additional plant for this product, say 20 to 40 tons per week in all, is costing over 1,000,000*l.* Two firms, Messrs. The United Alkali Company and Courtaulds, Ltd., whose offers had been rejected by the Ministry, were questioned by the Sub-Committee regarding the estimated cost of their schemes. The former gave a rough figure of about 60,000*l.* for the complete installation of a plant capable of manufacturing acetic anhydride, and turning out at least 4 to 5 tons per week of cellulose acetate. The latter gave as their own estimate 150,000*l.* for a plant producing 40 tons per week, exclusive of the cost of buildings and land, and as the estimate of a reliable authority 53,000*l.* for a plant for 10 tons per week. The last two estimates include also the manufacture of acetic acid from imported carbide. Multiplication of the plant for an increase in output would cost proportionately less. The Committee consider that these estimates which were made some time ago should be considerably increased to meet present conditions, but even so the disproportion between them and the expenditure of the British Cellulose Company is very striking.

Taking everything into consideration the Committee are strongly of the opinion that the ownership of the factory should be taken over immediately, by the Government, a Technical Committee appointed to consider the best use of the works and to advise upon the necessary steps for its completion and efficient management. The Committee suggest the Explosives Department, which already controls acetic acid and all the other chemical ingredients for cellulose acetate and solvents, as the best qualified to manage the works. Furthermore, they recommend that an alternative arrangement should now be considered for the manufacture of cellulose acetate in association with the Usines du Rhone. Meanwhile it is some satisfaction to learn that the offer of one of the British firms to make cellulose acetate which was refused is having an additional offer "to make experiments in its manufacture, dispensing, *inter alia*, with acetic anhydride, the most costly of the ingredients," taken up by the Munitions Inventions Department, which is investigating for other reasons the manufacture of acetic acid. The Sub-Committee understand that considerable economies can be effected by the use of ethyl formate as a solvent in place of methyl acetate, since for the former imported materials



are not required, and experiments in the production of a pigmented dope may result in the elimination of varnish. They recommend "that decisions be arrived at with the utmost despatch"; and—in view of the depressing reading of this Report—so say all of us.

### Elliman's Embrocation.

The path of the price-protector is by no means a smooth one. Those who proposed a harmless-looking resolution at the annual meeting of the Proprietary Articles Trade Association on July 11, asking Elliman, Sons & Co. to fix the retail price of their embrocation so as to yield a satisfactory profit to the retailer, had no idea that their action would be resented so sharply by the proprietors of that article. Nor could anyone have guessed that the extraordinary step would have been taken of stopping the supplies of two wholesale houses because the names of their representatives appeared on the note-paper upon which the communication was made from the Proprietary Articles Trade Association to Messrs. Ellimans. The wholesalers connected with the Association have resolved to support their colleagues, and will not distribute Elliman's embrocation to retailers until the proprietors of that preparation treat all wholesalers alike. Those who have a knowledge of Messrs. Elliman predict that the struggle will be a long one. Our columns have from time to time contained letters from the firm showing a forcible character not easily mollified. Curiously enough, the proprietors of Elliman's embrocation were once supporters of the Proprietary Articles Trade Association, and when that movement was inaugurated in 1896 gave a donation of 100% to the Association. Mr. Jas. Elliman was the first President of the Association. Messrs. Elliman had a price-protection scheme of their own, dating back to 1889, and this was the basis of the P.A.T.A. scheme. Elliman's embrocation was never, however, protected under the Proprietary Articles Trade Association's plan. In a letter to the *C. & D.* in 1903 the position was stated by Messrs. Elliman as follows:

"Manufacturers and distributors are in the market for public custom; the manufacturer, ambitious for large trade, looks to the world as a market, creates demand, and requires free channels of supply. These are found in the distributors, who thereby rendering a service to the manufacturer are entitled to a living wage as any other worker. The distributors not only render a service to the manufacturer, but they render one to the public, which is a further justification of payment for the service rendered. The distributor cannot keep open shop without remuneration; it follows that, being a useful member of the community, a distributor's claim to payment for services rendered cannot be disputed, but what the rate of wage should be is open to argument and must eventually be settled in accordance with the value of that service."

A few years afterwards Messrs. Elliman raised the wholesale prices of their embrocation, but not the minimum retail prices. The numerous letters in the *C. & D.* at the time showed how the trade regarded this, and the resentment was not allayed when in a final letter Messrs. Elliman offered to buy up stocks of embrocation in the hands of retailers at a price, and added, "Had the writers of the letters in the papers kept their heads and formulated their complaint in a proper spirit we might have offered another answer." This may be a useful hint to the wholesalers, although from what we know of them we can hardly imagine them making a pilgrimage to Slough (at a war-time cost of a fare and a half) with halters round their necks.

### Entrepot Trade.

JUDGING by the Board of Trade Returns for the six months ended June 30, 1918, the entrepôt trade of the country is diminishing month by month, and is now a mere shadow of what it was two years ago, there being a decline of no less than 37,343,000% on the six months' trading compared with 1916. Much of this decline is due to the exigencies of war, which have brought about an acute condition in shipping. But apart from this the Government has apparently gone out of its way to destroy, if possible, our entrepôt trade, as it has resolutely refused to provide shipping space for produce the bulk of which will be re-exported. The consequence is

that at the various Indian ports there is an accumulation of produce that cannot be transported for lack of freightage. Among many other articles there is plenty of tragacanth and opium lying in Bombay and Persian Gulf ports, but the authorities here and in India refuse to co-operate, and thus are the markets starved. On the other hand, the United States appears to be more energetic in obtaining her requirements from Indian and Persian Gulf ports, and we have even heard of ships being sent from New York to bring luxuries like cargoes of Persian dates, also gum asafetida and other produce. Thus a valuable re-export business handled by London merchants is passing away through lack of co-ordination and sympathy. The Indian authorities as well as our home Departments encourage direct shipment to the United States—apparently caring little or not at all about the trade which formerly mostly passed through London; and once trade is diverted it will be difficult to get it back again.

### The Trading with the Enemy (Amendment) Bill.

The general acceptance which this Bill has found in both Houses of Parliament is indicative of public opinion in the country, and we can only hope that the officials responsible for the administration of the Act when passed will also be appreciative of what the public feels on the subject. The Bill is directed towards two main objects: (1) The elimination of existing enemy business interests and (2) the placing of an effective restriction on the introduction of any enemy banking business for a period of five years after the war. The Board of Trade is given power to make an Order requiring any company of enemy nationality or association to be wound up, and to appoint a liquidator to conduct the winding-up. When the liquidator has carried out his functions in this respect, the Board may give notice of what has been done to the Registrar of Companies and direct him to strike the name off the register, and thereupon the company becomes dissolved. And where a partnership had been dissolved by reason of one or more of the partners having enemy connections, the Board is given power to inquire into the relations of the successors of the firm to the old firm, and, if expedient, may make an Order dissolving the new firm also. Enemy banking business after the war is restricted by forbidding such business to be carried on in the United Kingdom for five years after the war by either (a) an enemy-controlled corporation or (b) a firm or individual under circumstances which if the war continued would justify the Board in making an Order for the winding-up of the business. What is to be looked upon as "banking business" is to be settled by rules made by the Board after consultation with the Treasury. The much-debated question of enemy patents is also dealt with. Clause 8 gives the Board power by Order to vest in the Custodian any patent or design belonging to any enemy company.

### A Significant Difference.

A SUBSCRIBER, referring to the absorption of the Face Values Committee by the Proprietary Articles Trade Association, draws our attention to the difference between this friendly arrangement and the way the Pharmaceutical Society set out to deal with the Progressive Pharmacy Club. The Face Values Committee and the Progressive Pharmacy Club both originated in a desire to carry out policies which it was thought were not being pushed sufficiently by existing bodies. The Pharmaceutical Society was particularly vehement in its efforts to suppress the Progressive Pharmacy Club. The President, Vice-President, and some of the Councillors were sent round the country and denounced the Club in vigorous terms for its audacity in trying to improve the remuneration for Insurance dispensing. Some day a councillor might ask for a return of the cost to the Society of this ramp and the special meeting that was organised, but we venture to prophesy that the information will not be forthcoming. We are almost tempted to quote some of the foolish remarks which the Society's officials made a year ago, but the object of this note is not to rake up bygone faults, but to press home the lesson that progress is attained more by agreement than by attempting to suppress any new movement that arises in the drug-trade.



## Association Affairs.

**Exeter.**—At a meeting of the Exeter and District Pharmaceutical Association on July 26, Mr. Eric Lenmon presiding, it was resolved to ask all chemists in the city to close their shops between 1.15 and 2.15 daily for the dinner-hour. Several members have already adopted the practice without detriment, and the Chairman was deputed to endeavour to secure uniform action. The proposed changes in the organisation and administration of the Pharmaceutical Society are to be discussed at a special meeting in September, when Mr. P. F. Rowsell, a member of the Pharmaceutical Council, will explain the proposals. Measures were taken with regard to certain proprietary articles which were said to be unremunerative to retailers. It was also resolved to apply for a rebate of duty on rectified spirit.

**Leicester.**—The annual meeting of the Leicester and Leicestershire Pharmaceutical Association was held on July 23, under the chairmanship of the President, Mr. W. T. Hind. The Secretary's report showed a successful year's work, including the adoption of a minimum-price list operative throughout the county. The Association also contracts with the Leicestershire County Council for the supply of drugs and medicines under that Council's tuberculosis scheme. The work of the Military Service Sub-Committee was fully explained, and reference was made to the cordial relations existing between that Committee and the National Service Representative. The Treasurer's report showed a substantial balance in hand. The following officers were elected for the ensuing year: *President*, Mr. W. T. Hind; *Vice-Presidents*, Messrs. E. B. Ward and P. C. G. Stiles; *Treasurer*, Mr. F. G. Blockley; *Hon. Secretary*, Mr. A. E. Young, 16 Gallowtree Gate, Leicester. The Committee this year includes one lady (Miss Richardson) for the first time in the history of the Association.

**Merthyr.**—At a meeting of the Merthyr Pharmacists' Association on July 24, Mr. Tom Jenkins (President) moved a vote of congratulation to Alderman R. P. Rees and Mr. V. A. Wills on their elevation to the local Magistracy. Letters were read from Messrs. Sargeant and Wolff and laid upon the table. A letter and pamphlet were received from the Editor of the *C. & D.*, and much satisfaction was evinced at the action taken, and wishes were expressed for the success of the campaign. Sheep-dips are being supplied direct to farmers at less than the recognised minimum price through the Farmers' Union, and it was resolved to take action in regard to this. The wish was expressed that other Associations will do likewise.

**Middlesex.**—A meeting of the Executive of the Middlesex Pharmaceutical Association was held at the Progressive Pharmacy Club on July 24, Mr. Herbert Skinner (President) in the chair. The election of officers for the ensuing year resulted in the re-election of Mr. Skinner as *President*, Mr. H. E. Clement as *Vice-President*, and Mr. Hugo Wolff as *Secretary*. The members of the various Sub-Committees were also re-elected.

**Torquay.**—The quarterly meeting of the Torquay and District Pharmacists' Association was held on July 25. For various reasons the attendance was small. A long discussion took place on the Organisation Committee's report received from the Pharmaceutical Society, and eventually it was decided to postpone the matter to a special meeting in September, extra efforts to be made to ensure a full attendance on that occasion. Various matters affecting the craft were brought forward and discussed.

**West Bromwich.**—A special meeting of the West Bromwich Pharmaceutical Association was held at 195 High Street on July 25, Mr. G. Hampton (President) in the chair, when a presentation (a case of pipes) was made to Mr. J. Harper, who has acted as Hon. Secretary since Mr. Barnes left, and is leaving West Bromwich to take an appointment at Oxford. Mr. Hampton, in making the presentation, said he hoped Mr. Harper would accept the gift for the kindly feeling that had prompted it, and not for its pecuniary value. The members would not forget Mr. Harper, but would long remember his enthusiasm and his useful services on their behalf. Messrs. Withers, Allen, Beattie, Griffith, and Kemsey-Bourne also spoke, and Mr. Harper suitably acknowledged the presentation.

EVEN TO SCIENCE the scientific spirit is fatal. It becomes dogmatic and then sterile. We have always kept in mind that there is a spiritual law in the natural world, while the German, lacking a philosophy of life, takes what he filches, and develops it in the cold void of abstract science. —*Captain A. Macphail, M.D.*

## Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

### Reports from Local Centres.

#### ENGLAND.

**Brighton.**—The conference between the local National Service Representative and the Recruiting Sub-Committee was held on July 24. The Pharmaceutical Committee had submitted a report indicating the men whose release they would agree to, and refusing to accept further responsibility for the dispensing service if more encroachments were made. The report drew attention to the great reduction in dispensing staffs since the outbreak of the war, the number in August 1914 (157) having been reduced to 105. This latter total included 8 apprentices and 11 women, also 10 men of over sixty years of age; hence the actual efficient really were 76. When 76 had to do the work of 157, it was time the reduction was stopped. Two men coming within the limits of the "clean cut" were conditionally released. The position of the remaining 57 (out of 59 affected) was secured.

**Essex.**—At the meeting of the County of Essex Pharmaceutical Committee on July 25, Mr. J. H. Matthews, Leytonstone, was re-elected *Chairman*, Mr. T. England, Romford, *Vice-Chairman*, and Mr. C. Goode *Secretary*. The Checking Bureau's report was adopted, the pricing showing a satisfactory standard. The resignation of Mr. Brooks, East Ham, owing to business pressure, was received with regret. He has been a member of the Committee since its inception. Mr. Harrison, Goodmayes, was elected to fill the vacancy caused by the death of Mr. Kirkpatrick, and Mr. Hodgson, Brentwood, to fill the seat vacated by Mr. Brooks. The quarterly meeting of the Insurance Committee was held on July 30 at River Plate House, Finsbury Circus, London, E.C., when Mr. J. H. Burrows was unanimously re-elected *Chairman* for the ensuing year. Mr. E. N. Buxton was re-elected *Vice-Chairman*. The Finance Sub-Committee recommended the payment to chemists of 5,116*l.* 16*s.* 1*d.* from the Drug Account and 138*l.* 7*s.* 11*d.* from the Sanatorium Benefit Account, and to the East Anglian Joint (Pricing of Prescriptions) Committee of 824*l.* Mr. S. H. Payne, in moving the adoption of the report, said that the increase in the latter item was practically due to the increase in wages. They had no control over the expenditure of the Pricing Committee so long as the charges were proportionately allocated among the areas. The recommendations were adopted. The Medical Benefit Sub-Committee reported on the action taken with reference to the Compulsory Military Service Act, and Mr. Annis, speaking on the adoption of the report, said that in the future the multiple shops in the county area would be dealt with in precisely the same way as private shops. He thought that they may take it that the Chairman and the Vice-Chairman, acting for the Committee, would see that justice was done between the two classes. Proceeding, he said that application had been received from the Chelmsford chemists for arrangements to be made by which only one shop would be opened at a particular period. The Sub-Committee had agreed with the suggested alteration, but he believed the chemists of Chelmsford had adopted it before they received the sanction of the Committee. The speaker next dealt with what he described as a very serious allegation by a practitioner, who accused a chemist of supplying only a 6-oz. bottle in place of 12 oz. as ordered by him. The Pharmaceutical Service Sub-Committee could not hear the complaint, because it was not made by the patient, but the report recommended that the Insurance Committee should request that Sub-Committee to investigate the matter and report thereon. Mr. C. Goode said the chemists of Chelmsford were not to blame for making the alteration mentioned by Mr. Annis, the whole of which rested upon him. The report of the Committee was adopted.

**London.**—At the meeting of the London Insurance Committee held on July 25, Mr. P. Rockliff and Mr. J. Skinner were respectively elected *Chairman* and *Vice-Chairman* for the ensuing year. A vote of thanks was unanimously passed to Sir Kingsley Wood for his services as Chairman during the past twelve months. Mr. W. J. Uglov Woolcock wrote expressing his appreciation of the Committee's resolution of regret at his resignation. Payment was ordered of accounts amounting to 66,507*l.* 11*s.* 3*d.*. Among these were the following to chemists: For the medical year 1917, 75*l.* 16*s.* 10*d.*; 1918, 9,796*l.* 3*s.* 4*d.*. The General Purposes Sub-Committee reported that the contractors supplying drugs and appliances numbered 11,449. Of these, 1,350 were medical practitioners in general practice, 101 in institutions,



700 chemists in general business, 37 in institutions, and 24 other persons. Three names had been added to the panel and two had been withdrawn. The checking of the Committee's Pricing Department by the Pharmaceutical Society continued to be satisfactorily performed. The total value of errors discovered during the past year was 23l. 15s. 7d., and the number of prescriptions examined was 386,036, representing a total value of 10,902l. 2s. 8d. The Sub-Committee also reported that the Insurance Commissioners had extended the term of office of the present Panel and Pharmaceutical Committees respectively until July 15, 1919. The Pharmaceutical Service Sub-Committee recommended that 100l. be deducted from the amount payable to a firm of panel chemists, which sum the Commissioners had withheld from their grant to the Committee on account of the persistent inaccurate dispensing of the firm in question. A series of complaints against another chemist, in which he was alleged to have absolutely refused to dispense the prescriptions, was recommended for submission to the Commissioners with a view to the removal of the chemist from the panel. Allegations of altering prescriptions and delay in dispensing by other chemists were found by the Sub-Committee to be unsubstantiated.

**Midsex.**—The Pharmaceutical Committee met at the Progressive Pharmacy Club on July 24, Mr. Herbert Skinner in the chair. The election of officers for the ensuing year resulted in the unanimous re-election of Mr. Skinner as *Chairman*, Mr. H. E. Clement as *Vice-Chairman*, and Mr. Hugo Wolff as *Secretary*. The Secretary reported upon the present position in the matter of military service, and explained the steps being taken to safeguard the interests of chemists in the county. The Checking Supervisor's report stated that the May scripts numbered 54,245, and included 62,781 prescriptions; the average cost per script was 8.22d., and the average cost per prescription was 7.11d. The percentage of errors detected in checking the prescriptions was very low—only 0.12. Further statistics were submitted, supplementing those published last month, and the Committee decided to appoint a Tariff Investigation Sub-Committee, consisting of Messrs. Skinner, Clement, Humphrey, and Wolff, to consider the question of Insurance dispensing remuneration, with the view of deciding the terms to be asked for next year's service.—A meeting of the Insurance Committee was held on July 29 in the Council Chamber of the Guildhall, Westminster, S.W., when Mr. W. S. Glyn-Jones, M.P., was re-elected *Chairman* and Mr. W. W. Kelland *Vice-Chairman* for the ensuing year. Payment was ordered of 4,107l. 7s. 5d. to chemists, 250l. to the Pharmaceutical Committee for administrative expenses, and 299l. 5s. to the Joint Pricing Committee.

**Yorkshire (North Riding).**—At the last meeting of the Insurance Committee, the Chairman, in the course of his annual report, said that during the past year the number of prescriptions dispensed was 118,630, an increase of 4,153 over 1916.

### July Drug Tariff.

The following are the alterations for July in the Drug Tariff issued by the National Health Insurance Commissioners for England and Wales:

*Lower:* Acid. carbolic. (detached crystals), 2s. 6d. lb.; acid. carbolic. liq., 2s. 2d. lb.; acid. salicylic., 7s. lb.; bism. carb., 17s. 6d. lb.; ext. bellad. vir., 13s. 4d. lb.; liq. mag. bicarb., 6d. lb.; mag. sulph. effervesc., 2s. 4d. lb.; ol. caryoph., 28s. 6d. lb.; paraldehyd., 1s. 3d. oz.; phenacetin., 2s. 4d. oz.; phenazon., 4s. 6d. oz.; phenolphthalein., 4s. oz.; pot. brom., 12s. 10d. lb.; resorcinum, 4s. 3d. oz.; sacc. lact., 9s. 2d. lb.; salol, 1s. 1d. oz.; sodii benz., 2s. 1d. oz.; sodii citro-tart. (eff.), 3s. 2d. lb.; sodii salicylas (cryst.), 9s. 6d. lb.; tab. phenolphthalein., gr. j. 2.28d. per doz., ditto gr. ij. 3.54d. per doz.; tab. trinitrini, 0.96d. per doz.; troch. pot. chlor. gr. ij. 3s. 6d. lb.; cotton-wool, 1 oz. 3.17d., 4 oz. 11.25d., 8 oz. 19.00d., 1 lb. 36.00d.

*Higher:* Ammon. brom., 14s. 9d. lb.; amyllum (maize), 1s. 4d. lb.; argent. nit., 4s. oz.; argent. nit. indur., 4s. 2d. oz.; calx sulphurata, 33d. oz.; camphora (flowers), 6s. 8d. lb.; capsulae ol. santal., m. x. 17.28d. per doz.; chloral hydras, 1s. 11d. oz.; cocain. hydrochlor., 11s. dr.; codeina, 7s. dr.; conf. sennæ, 2s. 2d. lb.; conf. sulphuris, 3s. lb.; creosot. carb., 6s. oz.; dec. sarsæ jam. co. (ex conc.), 9s. lb.; emul. ol. morrh. c. hypoph., B.P.C., 3s. 8d. lb.; emul. petrolei c. hypoph., B.P.C., 2s. 6d. lb.; ext. ergotæ, 3s. 4d. oz.; ext. glycyrrh. liq., 5s. 3d. lb.; ferri et ammon. cit., 4s. 6d. lb.; ferri et quin. cit., 22s. 9d. lb.; glycer. acid. tannic., 2s. 6d. lb.; hexamina, 14s. 3d. lb.; lin. pnt. iod. c. sap., 4s. lb.; liq. ammon. cit., 1s. 6d. lb.; liq. ferri acet., 11d. lb.; liq. strych. hydrochl., 3s. 10d. lb.; liq. trinitrini, 11d. oz.; lithii carb., 1s. 2d. oz.; lithii cit., 1s. 1d. oz.; mag. carb. pond., 2s. lb.; mel boracis, 3s. lb.; ol. amygdale, 5s. 3d. lb.; ol. lini, 8s. gal.; pasta zinci co., B.P.C., 2s. 10d. lb.; pepsin, 3s. 10d. oz.; pil. ipecac. c. scill., 1.08d. per doz.; pil. plumbi c. opio, 1.67d. per doz.; pil. quin. sulph., gr. j., 2.08d. per doz.; pil. rhei co., 0.58d. per doz.; pil. saponis co., gr. iv., 2.50d.

per doz.; pot. cit., 6s. lb.; pulv. amygd. co., 6s. 3d. lb.; pulv. jalap. co., 5s. 8d. lb.; pulv. tragac. co., 3s. 6d. lb.; sacc. lact., 9s. 2d. lb.; sodii nitris, 2s. 10d. lb.; sodii phosph. acid., 3s. 3d. lb.; spt. æther. nitrosi, 5s. 11d. lb.; strych. hydrochlor., 9s. 9d. oz.; suppos. plumbi co., 8d. per doz.; syr. calc. lactophosph., 2s. 8d. lb.; syr. cascariæ arom., 3s. lb.; syr. ferri phosph., 1s. 3d. lb.; syr. pruni virg., 2s. 3d. lb.; syr. rhei, 1s. 7d. lb.; syr. sennæ, 2s. 1d. lb.; syr. toluat., 1s. 4d. lb.; syr. zingib., 1s. 4d. lb.; tab. calomel. (tab. hydr. subchl.), B.P.C., gr. ½ 0.50d. per doz., ditto gr. j. 0.68d. per doz., ditto gr. ij. 1.47d. per doz., ditto gr. iij. 1.56d. per doz., ditto gr. v. 1.92d. per doz.; tab. pot. chlor., B.P.C., gr. v., 0.61d. per doz.; tab. santonin., gr. j., 6.12d. per doz.; tab. santonin. co., B.P.C., 6.48d. per doz.; tab. thyroid gland, gr. ij. 1.71d. per doz., ditto gr. v. 2.58 per doz.; thyroid. sicc., 5s. oz.; tr. benzoini co., 9s. lb.; tr. cardam. co., 4s. 6d. lb.; tr. rhei co., 5s. 3d. lb.; ung. acid., boric., B.P., 2s. 4d. lb.; ung. glyc. plumbisubacet., 3s. 10d. lb.; ung. paraffin. alb., 2s. 10d. lb.; zinci valerian., 4s. 6d. oz. Bandages: indiarubber (elastic web), 2½-in. 9.00d., 3-in. 10.50d. per yard. Lint, unmedicated, 1 lb., 57.00d. Catheters, best brown gum elastic, single web, 8.00d.; soft rubber (1-12), 8.00d.

### Proprietary Articles Trade Association.

WE have received a copy of a correspondence which has taken place between the Association and Elliman, Sons & Co., Slough, referring to the resolution passed at the annual meeting (*C. & D.*, July 20, p. 46). The letter in which the resolution of the meeting was conveyed to Elliman, Sons & Co. was signed "W. S. Glyn-Jones," and Elliman, Sons & Co., in reply, asked whether Mr. Glyn-Jones was acquainted with the contents of the letter, adding, "If Mr. Glyn-Jones was acquainted with the meeting there will be no answer." Mr. Glyn-Jones replied that he was present at the meeting, and that the expression of opinion which his letter conveyed arose spontaneously and, so far as he was concerned, unexpectedly from the body of the meeting. The letter concluded: "I hope this fact will not prevent you sending me any expression of your views on the matter." Nothing further was heard of the matter so far as the Proprietary Articles Trade Association was concerned, but Elliman, Sons & Co. stopped the usual monthly allotments of Elliman's embrocation to May, Roberts & Co., Ltd., and Barclay & Sons, Ltd., on the ground that an objectionable communication had been received from the Proprietary Articles Trade Association, and that the names of May, Roberts & Co., Ltd., and G. R. Barclay were on the correspondence form, which "makes such members, with others, morally responsible for thoughtless statements."

The Wholesale Section of the Proprietary Articles Trade Association has since held a meeting on July 30, at which were present Mr. W. Lane (James Woolley, Sons & Co., Ltd.), in the chair; Mr. F. J. Smith (Sangers), Mr. G. R. Barclay (Barclay & Sons, Ltd.), Mr. A. T. Webb (May, Roberts & Co., Ltd.), Mr. W. Edwards (W. Edwards & Son), Mr. G. H. Burroughs (John Thompson, Ltd.), Mr. H. Wippell Gadd (Evans, Gadd & Co.), Mr. E. Pickering (F. Newbery & Sons), and the Secretary. The correspondence referred to above was considered, and the following resolution was passed unanimously:

That until Barclay & Sons, Ltd., and May, Roberts & Co., Ltd., are placed by Elliman, Sons & Co. in a position to supply Elliman's embrocation to their customers on the same terms and conditions as apply to other wholesale houses, the firms present resolve to cease dealing in Elliman's embrocation. The Secretary was instructed to communicate the terms of the above resolution to the wholesale members of the Association, with a request that, unless prevented by any existing contract, the other members of the Association would take similar action, and thus refrain from taking advantage of the preferential position in which Elliman, Sons & Co. have placed them to the detriment of their colleagues, against whom this action has been taken simply on the ground that their names happen to appear on the notepaper of the Association as officers of the Association.

**ITALIAN HOME-GROWN DRUGS.**—It has been decided in Italy to draft a special law that only certificated botanists of Italian citizenship should be allowed to collect and sell medicinal plants, and that the cultivation of these plants should be encouraged.

**PRODUCTION OF PLATINUM IN NEW SOUTH WALES.**—The New South Wales Mines Department reports the discovery of an important deposit of platinum, and it is stated to be the most important alluvial find for some years. The quantity produced to the end of 1917 was 13,676 oz., valued at 34,274l.



## Trade Report.

42 Cannon Street, E.C. 4, August 1, 3 p.m.

THERE is a holiday feeling about business this week, judging by the small attendance on 'Change, and little interest is being shown in the markets generally. The principal change in chemicals is the drop in potassium bromide, a foreshadowing of which we gave in June last; it would not be surprising if similar steps were taken later with sodium and ammonium. There is still an easy undertone among several of the pharmaceuticals, including hexamine, methyl salicylate, phenacetin, and milk-sugar. Carbolic acid is very firm, and this may affect some of the synthetic products derived from phenol, such as salicylates, phenacetin, aspirin, etc. Glycerophosphates are very scarce. Quinine has been selling at rather higher prices; saccharin has been dealt in at higher rates, and reports are current that the embargo on exports from the United States has been reimposed. Other changes include a higher market for coriander and fenugreek seeds, and more money is asked for cassia and star anise oils. Lithopone and phthalic acid are slightly easier. Farina has advanced. Isinglass was flat and lower at auction.

Higher	Firmer	Easier	Lower
Anise oil. star	Cloves	Barbitone	Isinglass
Cassia oil	Pepsins	Cannabis	Potash
Coriander-seed	Tannic acid	Indica (E.I.)	bromide
Farina		Colocynth	Sarsaparilla
Fenugreek-seed		Cumin-seed	(native-Jam.)
Saccharin		Gum acacia	
Witch-hazel		Hexamine	
leaves		Lithopone	
		Phthalic acid	
		Methyl salicylate	

### Cablegram.

NEW YORK, July 31.—Business in drugs is fair. Curaçao aloes is lower at 9c. Peppermint oil in tins has advanced to \$3.30. Jalap is lower at 55c. Hydrastis (golden seal) has advanced to \$5.60, and senega to \$1.00. Cascara sagrada is also dearer at 17c., and buchu is higher at \$1.45 for short. Potash bromide is lower at \$1.25 for granular and \$1.35 for crystals.

ANISE OIL, STAR.—Sellers of "Red Ship" brand ask 5s. on the spot, and to arrive sales have been made at from 4s. 6d. to 4s. 7d. per lb. c.i.f.

ARSENIC.—The demand is towards improvement, although there has not been a great deal of business so far this week. For one thing, the supplies coming in from abroad are rather lighter, and this is calculated to divert more interest to the Cornish product, the output of which is making very satisfactory headway, while tin-mining operations are being pushed as much as possible in view of the enormous price ruling. The lowest price of best Cornish powder is 98%, with sellers now asking up to 102%, and even 103% for small lots. It must be remembered, however, that the price is still very high, and, unless the demand revives considerably, no substantial advance can be reasonably looked for.

ASPIRIN is in fair demand, and the position in regard to English makers is firmer in view of the improvement in salicylic acid and the firm market in acetic anhydride. B.P. quality is still obtainable at 12s. per lb.

ATROPINE.—The nominal figure is 120s. per oz. for the pure, but less would be taken.

BARBITONE is obtainable at 100s. per lb. on the spot.

BENZOATES are unaltered, and although the stocks are small the home make is increasing, and will probably be sufficient to provide for the trade here.

BENZONAPHTHOL is offered at 47s. per lb. on the spot.

BROMIDES.—The indication of an anticipated reduction in the price of potassium bromide which we gave in our issue of June has now taken place, the English makers having fixed the price of crystals at 6s. 10d., 28 lb. at 6s. 7d., and 1 cwt. lots at 6s. 4d.; granular is 6s. 4d., 6s. 1d., and 5s. 10d. per lb. net respectively. It is understood that there are only limited quantities available at these prices, and sales will only be made for the immediate requirements of regular customers. It is probable that the Government has had a hand in fixing these prices, and we do not suppose the quantities available are sufficient to go round, and dissatisfaction will inevitably arise. Whether similar steps

will be taken with sodium and ammonium is an interesting question. Soda is fairly plentiful at 5s. 6d., but ammonium is scarce at 10s., although some parcels near at hand may come at a trifle less. In the open market dealers offer Japanese potash at 9s. 3d. to 9s. 6d. on the spot and 9s. 3d. afloat. Our New York cable to-day reports a drop in crystals to \$1.35 and granular to \$1.25 per lb.

CAMPFOL OIL.—White essential Japanese has been selling at 175s. on the spot.

CAMPFOL (REFINED).—Sales of Japanese 2½-lb. slabs have been made at from 4s. 6d. to 4s. 7d. per lb., with 4s. 8d. asked; sales afloat have been made at 4s. 6½d. c.i.f.

CANARY-SEED is steady at 270s. to 282s. 6d. per quarter for ordinary to good Morocco and 285s. to 290s. for Spanish.

CANTHARIDES.—Russian on the spot are selling at from 11s. 6d. to 12s. per lb. for fair bright.

CARBOLIC ACID remains very firm, and it is difficult to find sellers among the makers owing to the increasing export demand. Probably 1s. 6d. per lb. would have to be paid for 39° to 40° C. ice-crystals in large drums. The firm position of carbolic acid may affect some of the synthetic products derived from phenol.

CASCARA SAGRADA.—Spot sales have been made at 160s. per cwt., but 165s. is now lowest.

CHIRETTA is selling privately at 1s. 6d. per lb.

CORIANDER-SEED is dearer, with 55s. per cwt. asked for old crop Morocco on the spot and 52s. c.i.f. terms paid for new crop just arrived. In the drug-auction 23 bags of sea-damaged sold at 26s. per cwt.

COUMARIN is offered at 170s. per lb. net on spot.

CREAM OF TARTAR.—There are sellers at 415s. per cwt. on the spot for 99 to 100 per cent. powder.

CUMIN-SEED continues neglected, and can be bought at 60s. per cwt. for good sifted new crop Morocco and at 52s. 6d. for ordinary old crop.

DILL-SEED is steady at 54s. per cwt. for ordinary East Indian.

FARINA has advanced a further 3s. to 5s. per cwt. on the spot, closing with sales of No. 1 Japanese up to 80s., and August-September shipment at 74s. 6d. c.i.f.

FENNEL-SEED is still quoted 57s. 6d. per cwt. for East Indian.

FENUGREEK-SEED has advanced in price, 42s. 6d. having been paid for Morocco on the spot, and 36s. 6d. c.i.f. terms for shipment.

GLYCEROPHOSPHATES are very difficult to obtain, very limited supplies being available.

GUM ACACIA.—Sales of Sudan sorts for August shipment have been made at the easier rate of 75s. per cwt. c.i.f. In the drug auction 135 bags fair Ghatti were limited at 75s., and 58 bags fair Sudan sorts at 85s.

HEXAMINE.—Several parcels have arrived simultaneously, and the price has eased to 9s. 3d. per lb. on the spot.

HOMATROPINE is quoted at 250s. per oz.

ISINGLASS.—The much larger supply of 968 packages offered at auction and met with a poor demand, about half the quantity being disposed of at a reduction of 2s. to 3s. per lb.

LEECHES.—It is difficult for dealers to maintain anything like a regular supply, owing to inevitable delays on the journey from the Continent. This presumably leads to heavy losses, especially during hot weather; and the supply is intermittent, so that the cost has to be increased in order to make a profit.

LEMON OIL.—Spot holders offer at from 4s. to 4s. 3d. per lb. According to advices from Sicily it is stated that the Italian Government has decided to purchase a large quantity of lemon oil to be used as a substitute for turpentine. In the drug-auction eight coppers of Barrett's sold at 3s. 9d.

LIME-JUICE.—A considerable quantity appears to have been taken off the market, in consequence of which first-hand supplies of good quality are practically unobtainable.

LITHOPONE.—White American (30 per cent.) is rather easier at 64l. per ton in casks in limited quantity.

MANNA.—According to latest reports from production sources, the new crop is normal both in quantity and quality, and it is unlikely there will be any shortage in the supply during the next twelve months, particularly in view of the fact that Russia, one of the largest buyers, is now off the market. The difficulty of obtaining supplies in this country is due entirely to shortage of shipping. For some time past all available freight space on the steamers sailing from Italian ports to this country has been used for foodstuffs, and shipments of products of secondary importance have been considerably delayed in consequence. A certain amount of material has been sent forward by the overland route, but this mode of transit is likely to remain very unreliable.

METHYL SALICYLATE.—Although the demand is quite normal, it seems strange that prices should fall as suddenly



as they do, and some severe cutting has taken place. Nobody is in a position to say whether further permits will be granted for substantial quantities; from 6s. 5d. to 6s. 6d. is quoted on the spot.

**MILK-SUGAR.**—Some parcels which have just arrived have been sold at a very low price to clear, and the market for the time being is disorganised. Actual consumers can still buy finest powder at 5s. per lb. How long this position will last it is difficult to say, as we understand that the exports have been prohibited from the United States from August 1. This may cause another reaction, which will eventually tend to make existing stocks dearer. A New York advice, dated July 6, reports large sales at 52c. to 54c. per lb., with little obtainable. Under the Milk Products (Import Restriction) Order, 1918, recently issued, a licence is required to import sugar of milk into the United Kingdom after August 1. The Order also requires that on or before August 15 all persons shall furnish to the Secretary of the Ministry of Food (Milk Section) a return showing the quantity of sugar of milk which was purchased for shipment to the United Kingdom, but not shipped before August 1, and the quantity thereof sold and unsold.

**NAPHTHALENE.**—Flake can be had at 33s. per ton, marbles at 77s., and tablets at 70s.

**PARALDEHYDE.**—Prices have now sunk to a level which will prevent dealers from importing further quantities.

**PEPPERMINT OIL.**—Our New York cable reports an advance in tin oil to \$3.50, but as the consumption here has fallen off considerably, spot is still obtainable at 22s. 6d. to 23s. per lb.

**PESINS** are a little dearer, but prices are still regarded as reasonable.

**PHENACETIN** ought to be affected by the improvement in carbolic acid, but the fact remains that keen competition is still in progress.

**PHENAZONE** is unchanged at from 44s. to 46s. The Swiss frontier has again been closed, and that will temporarily hold up supplies from that source.

**PTHALIC ACID** is offered at the easier rate of 25s. per lb. for chemically pure, to arrive.

**PILOCARPINE** is in fair demand at 25s. per oz. for nitrate and 27s. for hydrochloride.

**POTASH PERMANGANATE.**—A New York advice, dated July 6, reports a decidedly weak market, with offers down to \$2.00 per 100 lb. It is learned that in addition to the larger production in Japan two new American companies have commenced its manufacture. The production of carbonate of potash is being accelerated.

**QUICKSILVER.**—There is little change in the market, which remains tight, with no prospect of any easier conditions for some time, at the present comparatively reduced rate of the receipts from abroad. The current quotations as far as can be gathered are about 22l. to 24l. per bottle. Consumers applying for permits for use not considered absolutely essential find great difficulty in securing even small lots. In a previous issue we alluded to a Spanish Press report to the effect that a Royal Commission has been nominated to undertake the management of the famous Almaden mines. It can therefore only be inferred that the contract under which the control of these mines was for several decades past in the hands of a prominent English importing firm came definitely to an end. This may possibly have some bearing upon the market in the long run, and thus involve some modification regarding the future distribution of exports from Spain. Under present abnormal conditions there is no doubt that the Spanish authorities continue to exercise the closest control over the quantities shipped. The price of the product will probably remain at a very high level for an indefinite period, while reserve stocks practically everywhere are doubtless relatively reduced. The "Gaceta" (June 29) publishes a Royal Decree appointing a special Board of Management for the quicksilver mines of Almaden, directly dependent on the Minister of Finance.

**QUININE.**—A very substantial business amounting to several hundred thousand ounces has been done to arrive at unaltered prices. Meanwhile, spot stocks are still dwindling and will reach a very low point before the first consignments arrive. The prospect is that present prices of from 4s. to 4s. 1d. will be easily maintained.

**SACCHARIN.**—Judging by cables received in several quarters, the United States market shows a distinct advancing tendency owing to increased home consumption as the result of insufficiency of sugar supplies. This is reflected on the London market to some extent, and holders are asking a substantial advance for spot parcels, which have changed hands at from 270s. to 275s. duty not paid, or practically equivalent to 400s. duty paid.

**SALICYLATES.**—Several of the English makers of *salicylic acid* have sold out their production for some considerable

time ahead, and they hold out for 4s. 3d. It looks as if the carbolic acid position will help the market, so that purchases may be regarded as a good investment. *Sodium salicylate* continues in demand at from 6s. to 6s. 3d.

**SCAMMONY-ROOT** is offered on the spot at from 110s. to 160s. per cwt., according to test.

**SODA NITRATE.**—The Chilean "Diario Ilustrado" states that in view of the fact that Germany has not only succeeded in producing nitrate for her own needs, but has also been able to export it to Holland, Russia, and the Balkans, means must be taken to safeguard this industry in Chile, or the outlook there will be very black. The "Mercurio" also refers to the serious condition of the nitrate industry, owing to the fact that at present prices it can only be produced at a loss. The Allied nations, having agreed to share their purchases, the price has sunk to 10s. 8d. per quintal, including export dues, while the actual cost of production is 11s. 4d. There is also the cost of coal, petroleum, and high wages. The only thing to do is to organise the sales, and, if various companies united, this could be done. If the German ships could be used it would be possible to carry nitrate to Spain and neutral countries and direct to Italy. This would break the "iron ring" in which the purchasers have placed Chile's "principal industry."

**SQUILL** is unaltered, ordinary offering at 45s., fair at 60s., and good white at 70s. per cwt.

**TANNIC ACID** has a firmer tendency, as the United States makers are fairly well sold ahead; on the spot *levis* can be bought at 10s.

**TARTARIC ACID** is very steady and in good demand at 3s. 6d. per lb. on spot.

**TURMERIC** remains firm, 140s. being asked for Madras finger on spot; Bengal is wanting, and would probably realise 110s.; value of Cochin split bulbs is 95s.

**VALERIAN** has been in good demand for both Japanese and Indian, the latter selling at from 390s. to 395s. Spanish has also been dealt in at about 320s.

**ZINC PRODUCTS.**—The state of the American zinc industry seems likely to improve by degrees, although there is some difficulty in regard to labour. The war demand for all zinc and allied products on the other side is increasing, and although the production seems likely to also increase, the American surplus of zinc oxide for export to this side can hardly be expected to expand much. Zinc chloride in the home market is worth from about 23l. 10s. to 24l. 10s. per ton. A fresh shipment of high-grade Australian zinc dust is now being made from Sydney, but some considerable time will elapse ere this becomes available here, and meantime the market remains very bare. The tone is firmer at 108l. c.i.f. U.K. Low-grade English dust has again advanced about 5l. per ton to about 90l. delivered at makers' works, *plus* packages.

### London Drug-auctions.

Commercial Sale Rooms,  
Mincing Lane, E.C., August 1.

With the exception of honey and benzoin only a small part of the offerings sold, the tone being dull, as is usual with the commencement of the holiday season. Aloes of all kinds was neglected. Sumatra benzoin brought fully private valuations, and Siam was again higher. Bombay cannabis indica has an easier tendency. Gamboge is steady, and honey proved a very erratic market; good qualities being scarce, brought a slight advance, while common and medium grades were generally easier. Ipecacuanha is steady, rhubarb quiet, and native Jamaica sarsaparilla about 3d. cheaper, Lima being held for prices above buyers' ideas. Senna was unchanged, and for bees' wax there was no demand. Witch-hazel leaves sold at hitherto unheard of prices. The following table shows the quantity of goods offered and sold:

	Offered	Sold		Offered	Sold
Almonds (Mor.)	... 27	... 0	Cochineal	... 1	... 0
Aloes—			Colocynth	... 19	... 10
Cape	... 30	... 0	Coriander-seed...	... 183	... 23
Curaçao	... 50	... 5	Cubeb	... 23	... 0
Zanzibar, etc.	... 23	... 0	Cumin-seed	... 230	... 0
Anise (Sp.)	... 80	... 0	Dill-seed	... 100	... 0
Anise, star	... 57	... 0	Dragon's-blood	... 11	... 0
Aprioot-kern.	... 36	... 0	Elaeagnus	... 18	... 0
Benzoin, Siam	... 60	... 30	Eucalyptus oil	... 69	... 0
Do., Sumatra	... 75	... 37	Euphorbia pl.	... 18	... 0
Blackhaw-bark...	... 8	... 3	Fennel-seed (Fr.)	... 55	... 0
Buchu	... 1	... 0	Fenugreek-seed	... 40	... 0
Calabar-beans	... 51	... 0	Gamboge	... 13	... 1
Calumba	... 23	... 0	Gentian	... 8	... 0
Cannab. ind. (Amer.)	... 10	... 0	Grass-tree gum	... 2	... 2
Do. (African)	... 16	... 0	Guaiacum	... 9	... 0
Do. (E. I.)	... 4	... 0	Gum acacia	... 193	... 0
Cantharides	... 13	... 0	Henbane	... 49	... 0
Cardamoms	... 24	... 0	Ipecacuanha—		
Cascarilla	... 7	... 0	East Indian	... 50	... 0
Cinnamon-leaf oil	... 10	... 0	Mattb Grosso	... 27	... 13



	Offered	Sold		Offered	Sold
<b>Honey—</b>			<b>Rhatany...</b>	18	0
Argentine ...	216	206	Rhubarb... (cs.)	51	11
Chilian ...	85	46	Rosemary-leaves	20	0
Cuban ...	197	54	Sandarac...	10	0
Dominican ...	16	16	<b>Sarsaparilla—</b>		
Hawaiian ...	10	0	Lima-Jamaica	39	0
Jamaica ...	87	85	Native Jam...	68	16
Portuguese ...	40	27	Senna and pods—		
San Domingo	162	155	Alex...	118	18
Spanish ...	28	0	Tinnevely	213	63
Kamala ...	9	0	Squill ...	64	0
Kino ...	7	0	Strophanthus	36	0
Kola ...	20	0	Taraxacum (Eng.)	8	0
Lemon oil ... (cprs.)	8	8	Touka-beans	1	0
Liquorice-root...	354	0	Tragacanth	9	9
Magnesia carb.	18	0	Turmeric	40	0
Matico ...	10	0	Valerian-root	1	0
Nux vomica ...	100	0	Wax (bees')—		
Olibanum ...	125	0	Abyssinian	297	0
Orange-peel ...	20	0	East Indian	95	0
Peach kernels ...	36	0	Italian	59	0
Peppermint oil (Eng.)	3	3	Morocco	20	0
(cs.)	1	0	Mozambique...	183	6
Quinidine sulph.			Witch-hazel leaves	6	6

**ALOES.**—Extremely quiet. Of 50 boxes Curaçao five of fair dullish liver sold at 120s.; good smooth liver was obtainable at 132s. Cape was also neglected, good seconds being obtainable at 50s. to 55s.

**BENZOIN** sold at fully private valuations, 37 cases of middling Sumatra seconds with evenly packed almonds being taken at 117. 17s. 6d. per cwt. Siam was dearer, 30 cases of brown blocky grains of good flavour selling at 307. per cwt. Of Palembang, 30 cases offered, and were limited at 87. per cwt. for good seconds with slightly barky edges.

**BLACK HAW-BARK.**—Eight bags fair sold at 2s. 1d. per lb.

**BUCHU.**—A single bale of fair round greenish, slightly stalky, was limited at 7s.

**CALABAR-BEANS.**—A parcel of 51 bags was limited at 1s. per lb.

**CALUMBA.**—A lot of 23 bags of common very dark small to medium sorts were limited at 300s., at which business has been done privately.

**CANNABIS INDICA.**—Two cases of genuine Bombay tops were limited at 17s. 6d. per lb., at which retail sales have been made privately of late, while of American 10 packages offered and held for 18s. per lb., at which business has also been done privately.

**CANTHARIDES.**—Three crates of good green Russian were limited at 15s. per lb. net.

**CINNAMON-LEAF OIL.**—Ten cases of Ceylon were limited at 1s. per oz., the analysis showing 80.5 per cent. phenols.

**COLOCYNTH.**—Slightly easier, 11 cases of small to medium partly broken apple selling at 10d. per lb.

**GAMBOGE.**—For good Siam pipe, slightly blocky, 407. was wanted, and a case of good pickings sold at 307. per cwt.

**GUAIACUM.**—For good glassy block 10s. per lb. is asked.

**GUM GRASS TREE.**—Two bags of loose collected sold at 23s. per cwt.

**HONEY** met with fair competition at irregular prices, good and fine Jamaica being rather dearer owing to scarcity: Argentine was about 5s. higher, and San Domingo "full up"; a fair proportion of the offerings consist of middling and common qualities partly out of condition, for which easier rates were accepted. Jamaica: 87 barrels offered and sold, including nice pale setting, 198s. to 201s.; good bright amber, set and setting, 185s. to 190s.; ullaged, 155s. Chilian: 85 kegs offered and 46 sold; dullish amber setting, 190s. to 191s.; and ullaged, 186s. Cuban: 197 casks (mostly 5 to 5½ cwt. each) offered and 51 sold, including palish setting, 175s. to 180s.; dull set and liquid, 175s. to 176s.; and fermenting, 150s. Argentine: 216 packages (mostly cases) offered and sold; greyish to pale setting, 195s. to 201s.; dull setting, 187s. 6d. to 190s.; dull amber, 180s.; common dark liquid, 171s.; inferior black, 150s. San Domingo: 162 casks offered, 145 sold; fine pale set at 192s. 6d. to 198s.; pale amber, set and setting, 187s. 6d. to 192s. 6d.; fair to good liquid amber, 187s. 6d. to 190s.; dull amber, 182s. 6d. Dominican: 16 cases offered and sold at 185s. for very dark liquid. Hawaiian: 10 cases fine pale set were limited at 210s., a bid of 200s. being refused. Portuguese: 40 barrels offered; 27 sold at 180s. to 184s. for dark liquid. Spanish: 28 packages offered and bought, including black liquid at 170s. to 180s. During the auction interval there has been a continued good demand, the sales including good pale set Cuban at 185s. down to 172s. 6d., and Australian in cases at 190s. in Liverpool.

**IPECACUANHA** was about steady, the demand being covered by the sale of 12 bales more or less sea-damaged Matto Grosso, which sold at from 8s. 2d. to 9s., and badly damaged and mouldy realised from 7s. 6d. to 7s. 9d. Bright sound leanish Matto Grosso was limited at 11s. A new lot of

50 bales East Indian was offered and bought in, there being no response to a suggestion of 9s. No Minas or Cartagena offered.

**KOLA.**—Twenty bags of part mouldy West African quarters were held for 10d. per lb.

**MAGNESIA CARBONATE.**—For a lot of eight bags light a bid of 100s. is to be submitted, the limit being 110s.

**QUINIDINE SULPHATE.**—A single case of ten 100-oz. tins of Dutch make was limited at 2s. 8d. per oz.

**RHUBARB** quiet. The only sales were "without reserve" goods, 11 cases being disposed of, including medium-round Canton with three-quarters pale pinky and greyish fracture, slightly mouldy, at 1s. 9d. to 1s. 10d.; small round and trimming ditto at 1s. 10d., and bold and medium flat with three-quarters good pinky fracture at 1s. 11d. A single case of small round and trimming Shensi with three-quarters pale pinky fracture and good clean coat sold at 2s. 3d., also without reserve.

**SENNA.**—Quiet; 62 bales Tinnevely sold, mostly without reserve, at 3½d. to 4d. for ordinary small to medium yellowish leaf, and 3½d. to 3½d. for inferior small. Pods were held at 4½d., and 3½d. was refused for dark. 16 bales sea-damaged Alexandrian broken leaf sold without reserve at 1s. and siftings at 10½d., and two bales fair pods also sold without reserve at 1s. 9d. Fair genuine clean Alexandrian three-quarter leaf is worth 2s.

**SARSAPARILLA.**—Quiet. Native Jamaica was offered to the extent of 68 bales, but only 16 bales sold at a reduction of about 3d. per lb. on previous prices, fair red selling at from 4s. 3d. to 4s. 4d. and dull red and yellow mixed at 4s.; 33 bales Lima were bought in at 5s. 3d.; no grey offered.

**WAX, BEES'.**—No sales were made: 188 packages Mozambique were held at 9d. 12s. 6d. for ordinary yellow part dark block.

**WITCH-HAZEL LEAVES.**—Six bales of fair sold at the "record" price of 8s. 7d. per lb. owing to competition between two firms.

### Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the ports of London and Liverpool during the period named below. Particulars of imports of oils, oilseeds, nuts, fats, gums, etc., are not now published.

To London (July 13 to 19).	To Liverpool (July 15 to 20).	
Carbon black, 20 cs.	Talc, 2,849l.	Dental goods, 6,472l.
Chemical products,	Wax, bees', 55 cs.	Drugs, etc., unrated, 9
etc., unrated, 77	Wax, paraffin, 3,191	pkgs. 6 cs.
cks. 11 cs. 2 cbsys.	cwt.; scale, 336 cwt.	Aconite, 20 bgs.
Arsenic, 820 cwt.		Belladonna - root, 2
Boric acid, 707 cwt.		bls.
Citric acid, 84 cks.		Cardamoms, 19 cs.
20 kgs. 52 pkgs.		Cascara sagrada, 20
Cream of tartar, 10		bgs.
kgs. 49 cs. 90 brls.		Cuttlefish - bone, 35
52 pkgs.		cs.
Potash iodide, 10 cs.		Elm-bark, 6 brls. 12
Soda benzoate, 1 ton		pkgs.
Soda chlorate, 136		Ergot, 83 bgs.
tons		Gentian, 402 bgs.
Soda salicylate, 20		Kola, 33 bgs.
cwt.		Leptandra, 10 bls.
Tartar, 34 cks. 147		Liquorice-root, 353
bgs.		bls.
Tartaric acid, 62 cks.		Lobelia, 6 pkgs.
30 brls. 50 kgs. 104		Menthol, 45 cs.
pkgs.		Palmetta-berries, 1
Thorium nitrate,		pkg.
1,250l.		Papain, 15 pkgs.
Dental goods, 1,304l.		Pin-o-leum, 30 cs.
Drugs, etc., unrated,		Quillaia, 351 pkgs.
223l.; medicinal		Sassafras - bark, 10
3 capsules, 96l.		bls.
Camphor, 50 cs.		Senega, 11 bls.
Gentian, 51 bls.		Simaruba-bark, 3 bls.
Ipecacuanha, 50 bgs.		Valerian, 1 pkg.
Liquorice - juice		Vanilla, 8 cs.
(sticks), 10 cs.		Yerba santa, 11 bgs.
Pine oil, 24l.		
Uva-ursi leaves, 3 bls.		Dyes, dyestuffs, tan-
Dyestuffs, tanning ma-		ning materials, etc.: cutch, 200 bbs.; di-
terials, etc., unrated,		methylaniline, 3
30 cs. 12 cks. 37 brls.		drms.; gambier, 266
47 pkgs.; chestnut		cs.; hematite crys-
ext., 1,486 tons;		tals, 45 bbs.; log-
fustic ext., 83 cks.;		wood, 31 tons; log-
logwood, 215 tons;		wood ext., 1 brl.
myrobalans, 1,557		
bgs.; sumach ext.,		Gelatin, 1,090l.
31 cks.; tanner's		Lithopone, 168 cks.
bark, 103 tons;		Mineral white, 16 bgs.
wattle bark, 267 tons		Starches (bags), 86;
Gelatin, 6,450l.		farina, 2,360; potato,
Palm-seeds, 416 cs.		4,120; wheat, 160
Perfumery: toilet-		Tooth-brushes, 507l.
creams, 31l.		Wax, bees', 43 pkgs. 16
Plumbago, 38 brls.		sk. 86 cs.
Starches (cwt.) 20;		Wax, paraffin, 397 bg.
farina, 1,482; potato		289 brls.
flour, 3,845		Wax, vegetable, 14 bgs
		96 cs.
		Zinc dust, 440 cs.





Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

#### Chemists and Military Service.

SIR,—It is unfortunate that incidents such as "Cumbrian's" should arise; the figures he gives warrant different treatment. The arrangements made between the Insurance Commissioners and the Pharmaceutical Central Advisory Committee are clear enough, and the instructions need only intelligent application to prevent any such occurrences, which must be due to local weakness. This weakness need not necessarily be of the local Pharmaceutical Committee only; a great deal depends on the experience and ability of the Insurance Committee's Clerk. If the Insurance Committee do undertake an inquiry into the state of the dispensing service and the needs of the population, as the regulations say, then the Pharmaceutical Committee will have little difficulty in pointing out the facts of the case. The investigation held in Brighton was exceptionally thorough, and the results achieved are a vindication of the methods adopted. The Clerk made an independent census of the dispensing *personnel*, in addition to the one taken by me three months ago; classified the whole of the members as to sex, age, qualification, duties, and, in the case of those of military age, their medical category; and submitted the whole of the actual returns to the Pharmaceutical Committee for their observations thereon. Our Committee held a special meeting and considered each shop in detail; made a note of its opinion on the available staff, and then drew up a general survey dealing with the dispensing service as a whole. Representatives of the Pharmaceutical Committee were with the special Sub-Committee when the National Service Representative was met, and I am obliged to Mr. Ridyard for his hint on this in his letter (*C. & D.*, July 13, p. 51). For obvious reasons no fuller details can be published, but the results satisfy all parties concerned: hence my letter. I am sending copies of the survey and report to the Editor, and shall be glad to give confidential details to secretaries where the review has not yet been completed.

94 Preston Drove, Brighton.

Yours faithfully,  
EDGAR JONES.

SIR,—I must congratulate Mr. Ridyard upon the accuracy of his deductions. I should certainly tremble in my shoes if he should ever be called upon to investigate my past career. Incidentally, I am pleased to think that one of my votes at the late Council election was cast for him. My pharmaceutical neighbour has enough on his hands already, and certainly could not carry on my business without increasing his staff. I am sorry that Mr. Townley should have thought it necessary to defend his and the Cumberland Pharmaceutical Committee's reputations. I have had the pleasure of working in Keswick, and I know that Mr. Townley would leave no stone unturned to obtain fair treatment for the pharmacists of "Canny oald Cumberland." Unfortunately, conditions are different in this county. Looking at the question from a disinterested point of view (and that is quite possible), I can justly say that the pharmaceutical service of this town and neighbourhood will be severely affected if my business has to be closed down. You will please note that I do not consider myself essential, but from what I can gather (by advertising) qualified substitutes are not available. I am afraid I must fend for myself now, as the National Service Representative has already set the wheels in motion, and I have received notice of the revision of my case.

Yours faithfully,  
CUMBRIAN. (133/30.)

#### Jubilee of the Pharmacy Act.

SIR,—The interesting article in the *C. & D.*, July 27, p. 43, is very opportune. At the meeting of the Pharmaceutical Council on July 3 a Committee was appointed with regard to the admission and training of demobilised assistants and students for the Qualifying examination, and to advise if any modification of the procedure in training and qualification is necessary during the reconstruction period. Another matter at the meeting was the letter from the Privy Council asking if the moment was not opportune for dealing with the question of certified assistants to apothecaries, which was also referred to the Special Com-

mittee. Both these matters are important, and the result of the deliberations of the Committee may be as momentous for pharmacy as the deliberations of the two Societies you reviewed last week were fifty years ago. The Society has already power to deal with the reconstruction under the Poisons and Pharmacy Act, 1908, which enables the Council to frame by-laws for the division of the Qualifying examination and the institution of a curriculum. By-laws are framed for the latter, but how this is to help the demobilised pharmacist's assistant or apprentice I cannot say, whereas division of the Qualifying examination would be a boon and a blessing to thousands. The President and several members of the Council are in favour of this, and may I respectfully suggest to the Committee that a simple by-law allowing a candidate to pass the Qualifying examination at not more than three examinations be passed at the next meeting and confirmed as soon as possible? This has been most helpful in the Preliminary examination, and would be equally so in the Qualifying.

Yours, etc., R.A.M.C. (91/70.)

#### Percentages and Profits.

SIR,—I desire to reply to "Xrayser II.," who in the *C. & D.*, July 27, p. 41, thinks that for once I was wrong, when he says that I did not agree with Mr. Humphrey "as to the profit on expensive articles." "Xrayser II." has drawn a wrong conclusion from my letter: the point I differed from Mr. Humphrey in had nothing to do with expensive articles, but was "the longer an article is kept in stock the greater should be its apportionment of overhead charges"—theoretically correct, but in practice impossible. If you have a 5s. patent on your shelf, as I have, although ten years old, it is still a 5s. article. You can in the case of some slow-selling drugs and sundries add a higher rate of profit, but they cannot bear your annual overhead charges added to them year after year. At the same time, "Xrayser II." has struck the real note of intention in his comments on the small "Patents Section" of the "Standard Retail-price List." It is to show to both proprietor and retailer the comparative profit on all articles. I am afraid many proprietors have followed guesswork pricing methods, the same as retailers have done up to the advent of the Standard Retail-price List, and it is quite probable when the proprietor sees and realises the erratic comparative profit to the retailer, not only in the respective sizes of his goods, but the profit on his goods compared to profit on similar goods of other proprietors, he will hasten to adjust the retailer's profit. I agree with "Xrayser II." that the larger sizes should show at least the equivalent profit given on the smaller sizes. The manufacturer, apparently desirous of encouraging the sale of the larger sizes, gives in most cases a decided advantage and encouragement to the consumer by giving greater value in the larger sizes. Then why should the retailer not also get a greater comparative profit on the larger sizes, in order to encourage him to sell the sizes which the manufacturer most desires to sell? By allowing a smaller comparative profit on the larger sizes, the sale of his larger sizes is partially blocked by the retailer. The retailer should have equal encouragement with the consumer, then the manufacturer would obtain what he desires. Some of my subscribers tell me that they have already picked out the best-paying sizes, and have ceased to sell the less profitable sizes.

Herne Bay.

Yours faithfully,  
CHARLES PHILIP.

#### The Late Mr. Jamison.

MR. Wm. Shaw, Belfast, writes: "Referring to the notice of the death of my late partner, Mr. Wm. Jamison (*C. & D.*, July 27, p. 39), I wish to say that the report is not as accurate as it might be. I was a partner for a short time with my uncle, Thos. Shaw, J.P., and when he retired Mr. Jamison joined me (not Mr. Thomas Shaw); furthermore, he never was the head of the firm."

#### Saccharin Case.

SIR,—Your report of the case of the Castle Tablet Co., Ltd., *v.* Lorimer (*C. & D.*, July 27, p. 37) is in one particular inaccurate. You state "Plaintiffs wrote to defendants asking for delivery at once or else they would buy against him in the open market." Defendant said "this letter was tantamount to a repudiation of the contract, and did not deliver the parcel." The plaintiffs' letter was not claimed by me as a repudiation of the contract, and was not my reason for non-delivery, but the fact that plaintiffs carried out the threat contained in their letter and actually bought against me the following day while the saccharin was being cleared from Customs. This act constituted to my mind a clear breach, especially as there was no time-limit on the contract.

Yours truly,  
J. LORIMER.



## Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

*L. K.* (137/43).—SUPPOSITORIES recommended for the prevention or cure of disease require a medicine-stamp.

*Doubtful* (138/57).—It is legal to distribute handbills from door to door so long as the quantity of this class of advertising circulars does not exceed in the year ending January 31, 1919, one-third of the total weight of such matter distributed between February 1, 1916, and January 31, 1917.

*Medical* (132/15).—MEDICAL CHARGES.—The scale of charges usually made by medical men is given in works of reference like Whitaker's Almanac. The charges are based on the rental of the house in which the patient lives. The fees referred to are not laid down in any Act of Parliament, but are based upon the legal dictum that a medical man may recover charges according to a scale varying with the class of patients visited, if the fees are fair and reasonable. The scale referred to in Whitaker's Almanac has probably been drawn up with this point in mind.

*K. & A.* (131/20) have for the past three years insured their premises against damage by hostile aircraft. Is it necessary for them to continue the insurance; or does the Government indemnify those who suffer damage from this cause? [The Government scheme of compensation for war damage without insurance applies only to owners of property in the United Kingdom of an aggregate value not exceeding 500*l.* Owners of insurable property of an aggregate value exceeding 500*l.* will be compensated up to that amount without payment of premium, provided that all value in excess of 500*l.* is insured under the Government insurance scheme. In the circumstances "K. & A." should continue to cover their risk by insurance.]

*Overworked* (132/26) asks if a chemist can "employ" his own wife to assist him in his business, so that the salary paid to her can be deducted as a trade expense in making his return of income for income-tax and excess-profits duty. She is taking the place of an assistant who has been called up for military service. [The salary paid to the wife in these circumstances appears to be a genuine trade expense, which "Overworked" is entitled to deduct from his assessment. But in making the deduction nothing ought to be added for any board or lodging which may be part of the wife's remuneration, as the Income Tax Acts forbid any deduction for expenses of maintenance of persons assessed or their families, and the authorities, we understand, enforce this strictly in regard to a wife. The salary should be entered on the income-tax return in the column for wife's income.]

## Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

### Chemists Studying Medicine.

*Mr. R. J. Rutherford*, The Pharmacy, Newbiggin-by-the-Sea, writes: "Will all those pharmacists who have availed themselves of the concessions granted in the medical curriculum kindly send me a postcard with their names and addresses, so that I may have an idea of the number and where they are studying?"

### Statutory Restrictions on the Sale of Poisons.

"Your idea of sending a copy to each Insurance Clerk throughout the country is a distinct service to the trade. The copy you sent to the local Clerk was laid on the table at the time of the conference with the N.S.R., and afforded very good evidence of the need for the maintenance of an efficient control over poisons."—*E. J.* (137/71).

"It looks as though my pharmacy will now be armed with a long-felt want. It is difficult to carry in one's head all the necessary 'poisonous' information which is demanded of one who is already carrying in stock a great variety of drugs, toilet-requisites, patent medicines, etc.—all at fluctuating prices."—*G. E. W.* (228/16).

"I have to thank you for copy of pamphlet on the Statutory duties of chemists which you are circulating in Insurance areas. I am particularly grateful that you have emphasised the point at this juncture, as it is one upon which I myself have insisted at a recent conference with the military authorities."—*W. G. C.* (136/25).

## Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

*J. H. L.* (99/56).—VANISHING-CREAM.—Of the two samples of vanishing-cream sent we prefer the one which you describe as your own. It is quite a good cream, and we do not think you need worry although you do not materially improve it. So far as our experimentation has led us to a suggestion, it indicates the addition of a little oil. Almond oil we think the best, and in quantity about  $\frac{1}{2}$  oz. to your recipe quantity, heating the oil with the stearic acid and following the directions otherwise. The sample No. 2 has rather much sheen on it. The sheen is said to be the result of beating, but beating is not the whole story. There is a wrinkle in the procedure or ingredients, and what it is we do not know.

*F. V.* (127/21).—FOAMING AGENT.—Soap and saponin are the two foaming agents used in tooth-pastes. Saponin being too expensive in the case you mention, it is probable that powdered extract of quillaia would answer the purpose equally well.

*B. S.* (124/14).—CANDIED GINGER.—Fresh ginger rhizomes ("green ginger") are required for this, otherwise the process is the usual one of candying—immersion in syrups of different strengths for a definite period.

*Influenza* (128/26).—COLD AND INFLUENZA MIXTURE.—The following is the formula for which you ask:

Tinct. chlorof. et morph. (B.P., 1865)	3iij.
Liq. ammon. acet. (1 and 7) ...	3iij.
Liq. cocci ...	q.s.
Aq. dest. ad ...	3lxxij.

Misce.

*L. 48* (137/44).—We cannot undertake the analysis of the sample of mixed essential oils which you send. We suggest that you offer it to soap-makers or use it up in hair-oil.

*W. F. H.* (132/28).—EGG-YELLOW.—We are not clear as to what you require when you ask for "an up-to-date formula together with the necessary plant" for the manufacture of egg-yellow. If this refers to one of the aniline dyes used for colouring confectionery and sponge-cakes—croceine or auramine, for example—it is no use your brother taking up the manufacture of one aniline colour; it could not be done economically, even if he were technically equipped. It may be, however, that you have in view the preparation of a liquid egg-yellow for bakers. These are generally solutions of croceine in a mixture of spirit and water.

## Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Aug. 15, 1868.

### The New Pharmacy Act.

The Pharmacy Act, 1868, which is printed at length in our present number, insures safety to the public and increased honour to the chemists and druggists of Great Britain. All persons who now commence business as chemists and druggists must pass the ordeal of an examination and obtain certificates of qualification; but every person who at the time of the passing of the Act (July 31, 1868) was or had been in business on his own account as a chemist and druggist, in any part of Great Britain, is deemed duly qualified. . . . The coadjutors of Jacob Bell must be satisfied with an Act which extends the educational basis of British pharmacy; and all chemists and druggists who can see beyond their noses must rejoice at the passing of an Act which gives them the exclusive right to sell and compound certain articles in great demand; which recognises their scientific and technical attainments; and which protects them from degrading competition. The Act sanctioned by the Legislature as a measure for the better protection of the public differs in many respects from the Bill framed by the Pharmaceutical Society in accordance with the recommendations of the Select Committee of the House of Commons and the expressed wishes of the great body of chemists and druggists, but though some of the regulations prescribed by the Legislature may be deemed inconvenient and unnecessarily stringent, the great object which chemists and druggists have long had in view is secured by the Act.



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<b>3/-</b>	....	....	<b>27/-</b>

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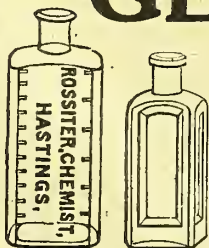
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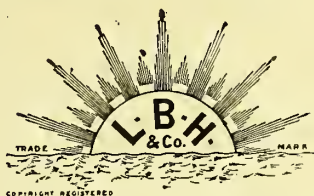
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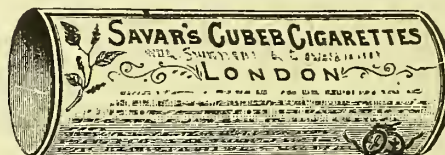
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These Prices are the lowest no matter what quantity is ordered.

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Quality  Reliability

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is pure Cellulose, **absolutely** air, grease, and odour proof, strong and pliant, unexplosive, **unaffected** by cold, heat or moisture.

Stronger than Gelatine, cheaper than Tinfoil. An **ideal wrapping** for Drugs, Perfumery, Confectionery, Provisions, &c., and all articles of Toilet.

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**CELLO-DRESSINGS**.—A perfect and **sterilisable** dressing and packing medium for Bandages, Surgical Dressings, Instruments, &c.

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LEMON JUICE      LIME JUICE  
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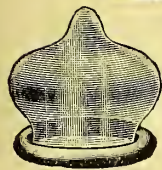


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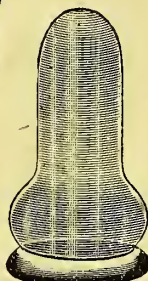
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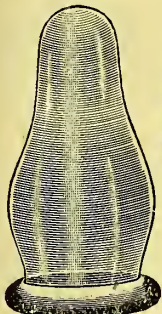
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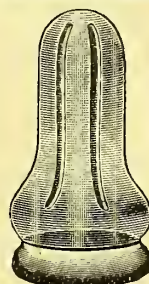
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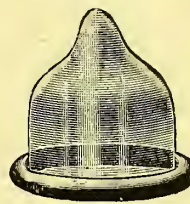
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No. 31.



No. 10 R.



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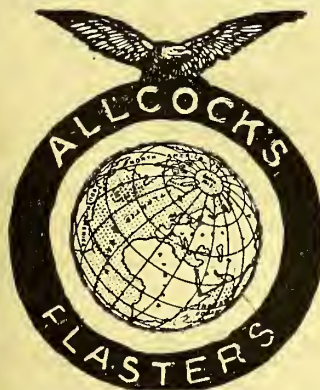
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SANITARY TOWELS.****BRITISH MADE  
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BRITISH OWNED.****WHOLESALE ONLY. Write for Samples and Prices.**



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1 Dozen in Box, with directions ... .. Per Dozen Boxes £ s. d.  
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ILLUSTRATED PRICE LIST POST FREE.

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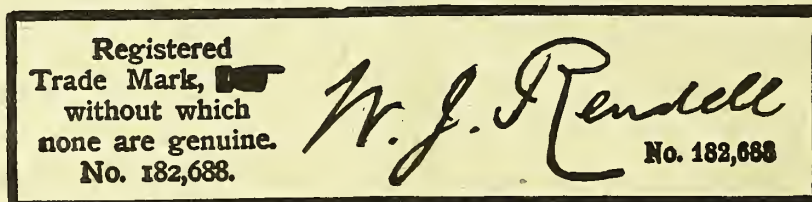
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THE WORLD-WIDE REPUTATION that these Pessaries have obtained since their invention by W. J. Rendell in 1885 has induced unscrupulous persons to place upon the market worthless and injurious compounds, with colourable imitations of W. J. Rendell's labels. To distinguish the genuine Pessaries from these fraudulent concoctions, see that the Registered Trade Mark and Number, in **RED INK**, are upon each box thus:



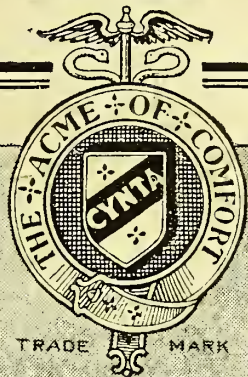
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Antiseptic.

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**HYGIENIC TOWELINES**  
 FOR LADIES

SEAMLESS KNITTED  
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UNEQUALLED  
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**GUARANTEED ENGLISH MANUFACTURE THROUGHOUT**

*Approved and recommended by the Medical Faculty*

**IN PACKETS of 1 DOZEN**

**REVISED  
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Size 1.  
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**18/-**

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**27/- per gross.**

**TO THE PUBLIC:**

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Size No. 4 suitable for Accouchements  
 Sizes Nos. 1 & 2 in packets of  $\frac{1}{2}$  dozen at extra cost of **6d.** per gross Towels  
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**The Most Comfortable of all Ladies' Towels.**

**THE CYNTA MANUFACTURING COMPY.**  
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Prevents Typhus, Malaria & Trench Fever.

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Extremely elastic, but contains no rubber.

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Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norwich Crepe Bandage, containing wool, provide warmth and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleaned, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers:

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No 1 Plant For  
Experimental purposes

No 2 Plant Output  
100 to 200 pounds per day

No 3 Plant Output  
300 to 400 pounds per day

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No 6 Grant Bronze lined plodder  
Output 2 tons per day

Toilet Soap  
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milling and mixing mill made  
with 10, 12 or 14 rollers. This mill  
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our No 6 or No 7 plodder.  
Output 3 tons per day.

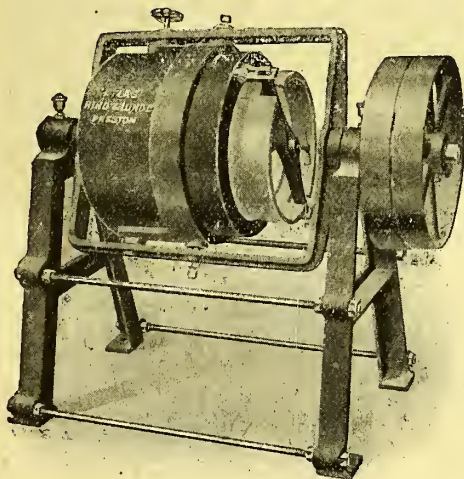
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72 inches long, 20 inches diameter

No 9 mammoth plodder with reduction gear  
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IRON CYLINDERS, PORCELAIN OR QUARTZ-LINED.  
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FLINT PEBBLES, PORCELAIN, BRASS, STEEL OR  
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**OVER 5,300** working in

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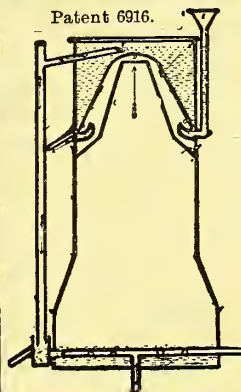
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**CATALOGUES FREE.**

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Cost of distilled water made this way is  
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For producing up to  
1½ gallons per hour, 9 gallons per hour,  
5 " " 15 " "

Please Inquire for Quotation.

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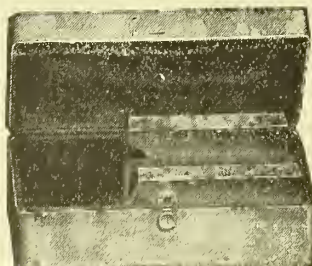
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"Prana" Sparklet Works,  
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**OVER 40% PROFIT.****RELENTA****THE BRITISH APERIENT WATER.****12/- PER DOZEN.****Carriage paid on full and empties.**

2/- per doz, allowed for empty bottles.

5% discount Monthly settlement.

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Ask for SHOWCARDS and HANDBILLS. To be obtained of all Wholesale Houses.



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## WAR PRICES

Per **10/-** Doz.

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*Carriage Paid on 2 doz. and upwards.*

MINIMUM RETAIL PRICES to the PUBLIC

**1/4** per Bottle P. A. T. A.

*2/- per doz. allowed for empty bottles  
returned carriage paid to our factories.*

Special Export F.O.B. Quotations  
including Packages.

SPECIAL  
ALLOWANCE  
for  
Window  
Display



Standardised and Bottled by CAMWAL  
Ltd. at their Spring at Harrogate.

Supplants Apenta, Hunyadi-  
Janos and Enemy Waters  
of Similar Character.

Of all Wholesale Houses and

# CAMWAL

LTD.

HARROGATE, MANCHESTER, BIRMINGHAM,  
BRISTOL, MITCHAM, LONDON, and Depots.



THE MOST ECONOMICAL INFANTS' FOOD.

LIQ. SANTAL FLAV.  
c. BUCHU et CUBEBA

(Hewlett's)

Packed for dispensing only,  
in 10, 22, 40 & 90 oz. bottles.

"Experience has shown this preparation to possess the same efficacy as Santal Oil itself. It mixes clear with water, and has a taste by no means disagreeable."

*The Practitioner.*

VIROPHOS

Of proved utility in Nervous Diseases,  
and a powerful Restorative for the  
Digestive Organs and Nervous System.

A Valuable Tonic Food for Children.

"It is of high nutritive value enhanced by the presence of assimilable phosphates."—*The Lancet.*

WHOLESALE PRICES.

No. 1.	1½ oz. Tin ...	9/- per doz.
" 2.	3¼ " " ...	14/6 "
" 3.	6½ " " ...	24/- "
" 4.	12 " " ...	42/- "

MIST. PEPSINÆ CO.  
c. BISMUTHO

(Hewlett's)

Packed for dispensing only,  
in 10, 22, 40 and 90 oz. bottles.

"Obviously likely to be of much advantage in the frequent cases of irritative dyspepsia, with atony of gastric or intestinal muscular layers."

*British Medical Journal.*

Introduced and Prepared only by C. J. HEWLETT &amp; SON, Ltd., Wholesale Druggists, 35-42 Charlotte St., London, E.C. 2.

## More Customers

The  
Beverageof  
Health

Will call at your store if they know you stock Vi-Cocoa because this food beverage of the people is in great demand as a tonic restorative in cases of mental and physical overstrain.

Display Vi-Cocoa in your window—it will attract many who would otherwise pass you by. Write for trade terms to-day—they are particularly favourable.

The Watford Mfg. Co. Ltd.  
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# Vi-Cocoa

## Dr. Allinson's Food Preparations

FOR ALL AGES AND CONDITIONS OF HEALTH AT FIRM AND PROTECTED PRICES.

Food for Babies, Prepared Barley,  
N. F. Cocoa, Biscuits, Wholemeal, &c.

See Trade Mark "T. R. Allinson" on all our goods—None Genuine Without.

## SPECIAL NOTICE.

We issue a list of WHOLESALE HOUSES who keep above in stock; if for any reason you have difficulty in obtaining supplies, please send postcard direct to us, and a list will be sent to you by return.

NATURAL FOOD COMPANY, Ltd.,  
Cambridge Road, Bethnal Green, LONDON, E.All advertising matter—Booklets, Window Displays  
Showcards, etc., free on application.

N.B.—Our goods are to be sold only at prices stated upon the Price List we issue to the trade, and we are pleased to exchange any article which may be out of condition.

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PACKED TABLE

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All Varieties i.e., "White Clover," "Heather," etc.

SPRING &amp; CO., Ltd., BRIGG, Lincs.

(The Largest Collectors and Packers of Honey in Gt. Britain)

Limited Supplies Available.



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JAMAICAN	About 3½ cwt. barrels and 1¼ cwt. barrels.	188/.
CUBAN	5½ cwt. barrels	185/.
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JAPANESE	Tins 2/56lbs. to case	200/.

*Free on rail Liverpool*

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16 LORD STREET LIVERPOOL

WORKS KIRKDALE LIVERPOOL

TELEGRAMS - "SUCROSE LIVERPOOL" TELEPHONE BANK 3752

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Nett Cash with order or on receipt of proforma invoice  
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IT MAKES YOU FIT  
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## The Value of "Vin-Sanguis"

is recognised by the private practitioner, the nurse and the Army doctor, as well as by the general public.

It is a blend of the choicest old mellow Wine with pure Meat Juice and Malt Extract.

Widely advertised and a ready seller: bearing a good profit to wholesaler and retailer.

Retailed at 2/9 and 4/6 per bottle.

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DR HALE'S  
**VIN-SANGUIS**  
WINE FOR THE BLOOD

TRANS-CONTINENTAL AGENCIES LTD.,

Proprietors of Dr. Hale's "Vin-Sanguis" Co.,

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## "GLACIALINE"

The Original and Most  
Effective Food Preservative

The only Food Preservative that has ever been publicly  
awarded Gold and Silver Medals and Certificates of Merit  
for Purity and Harmlessness.

TRADE MARK



Full directions for use enclosed in every package.

Packed in 6d. and 2/- Packets and 2/3 Canisters.

FAVOURABLE TRADE TERMS UPON APPLICATION  
TO THE

*Sole Proprietors and Manufacturers:*

**BURTON, BAKER & CO.**  
16 EASTCHEAP, E.C. 3.

## "TOWER" EARTHENWARE FILTERS

Sizes from 1 Gallon to 10 Gallons.

Specially suitable for

**ACIDS, ESSENCES,  
AND  
PHARMACEUTICAL  
PREPARATIONS.**

**"FARJAK" ASBESTOS  
FILTERING MEDIUMS**

for use with the above—Pure and  
Neutral.

**Filling, Corking, and  
Capsuling Machines.**



**FARROW & JACKSON, LTD.**

ESTABLISHED 1798.

16 Great Tower St., LONDON, E.C. 3.



# RECONSTRUCTION

**T**O-DAY is the day of rations; to-morrow, if not the day of plenty, will certainly herald the dawn of fuller supplies. And this applies not only to food-stuffs but to practically every sort of merchandise.

Furthermore, the whole fabric of the commercial world will enter into a period of reconstruction. Obsolete ideas will have to be scrapped that better and newer methods may take their place.

Pre-war ideals will certainly not be sufficient *après la guerre*. Not only will there be a very large shortage of efficient workers, but organisation will have to be vastly improved and strengthened if we are to hold our own with the competing nations in the war after the war.

And it is just that point—organisation—upon which we as a business house have always been strong, and which has enabled us with more success than most houses, to deal with the problems of the last four years in the face of depleted staffs and inefficient substitutes.

With the coming of peace we shall go forward with faith in ourselves and pride in our past achievements. Then will be your chance for sharing in those benefits which inevitably accrue to all connected with first-class organisation in however remote a way.

We await, then, your kind inquiries with the coming of

## PEACE

*Sangers*  
R. SANGER - E. SANGER  
- APULFORD S.H. CARR -  
- FISHBY & SONS -

258 EUSTON ROAD, LONDON, N.W. 1.



# PHOSFERINE.

## TRADE NOTICE.

*JULY 31st, 1918.*

At the request of a large number of Chemists throughout the Country we have decided, from the above date, to fix the retail prices of PHOSFERINE, and all our other Proprietary Medicines, at face value, viz.:

**1/3, 3/-, 5/- and 12/-**

The Wholesale Prices will be as follows:

1/3 size	-	-	12/-	per doz., net.
3/-	„	-	30/-	„ „
5/-	„	-	48/6	„ „
12/-	„	-	114/-	„ „

Against the conditional £5 worth of Phosferine being taken, a bonus of 10/6 will be allowed for a Phosferine Window Display of not less than 14 days.

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**ASHTON & PARSONS, Ltd., La Belle Sauvage, Ludgate Hill,  
LONDON, E.C. 4.**



# ON TOP!

FOR

# SALES & PROFITS

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“L” BRAND LYSOL

THE ONLY GENUINE.

OSYL TOOTH PASTE

1/- size.

OSYL TOOTH PASTE

6d. size.

OSYL TOOTH POWDER

6d. tins.

LYSOLINE HAIR TONIC

Retail 1/6.

*All in Great Demand.*

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LYSOL, Ltd., Stratford, LONDON, E.



THIS SUPPLEMENT  
IS INSERTED IN  
EVERY COPY OF  
"THE CHEMIST AND  
DRUGGIST."



OFFICES:  
42 CANNON STREET,  
LONDON, E.C.4

AUGUST 3, 1918.

Advertisements for this Supplement must be received not later than First Post on Thursday Morning.

# CHEMISTS' TRANSFERS.

## Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—LONDON, S.E.—Ready-money Business, situate in close proximity to busy railway station; returns £450 under management; scope for extension; price £300 or near offer.

2.—WEST END (Few Minutes From).—Good-class Family Retail and Dispensing Business; returns £2,219, showing steady increase; net profit over £600; handsomely fitted; single-fronted shop with good residence; vendor is retiring.

3.—MIDDLESEX (Few Miles Out).—Retail and Dispensing Business; held by vendor upwards of 20 years; returns £1,450; net profit £350; terms, valuation of stock and fixtures.

4.—KENT (Within Easy Distance of Town).—Good middle-class Business; returns about £1,500; net profit £360; price, to include £90 book debts, £750, part payment.

5.—LEYTONSTONE.—Cash Retail Business; present hands upwards of 25 years; gross receipts £506; scope for extension; comfortable residence; rent £45; no near opposition; terms, valuation of stock and fixtures.

6.—LONDON, N.W. (Main Thoroughfare).—Good-class Business; Retail and Dispensing; net profit exceeds £500; well-appointed shop, nicely fitted and fully stocked; valuation terms would be considered, or lump sum offer.

7.—WEST MIDDLESEX.—Charming locality; good-class Retail and Dispensing Business; within easy reach of town; returns, present rate, upwards of £4,000; terms, valuation of stock and fixtures, and sum for goodwill to be agreed equitably; ill-health cause of sale.

8.—A profitable old-established country Business in centre of market town, Gloucestershire, giving net profit £270; double-fronted shop and good residence; valuation terms entertained.

9.—OXON.—Good-class county connection in good district; returns over £1,200; single-fronted shop; main thoroughfare; terms, valuation of stock and fixtures; death cause of sale.

10.—NORTH OF ENGLAND.—Vendor will accept £750 for early release; Retail and Dispensing Business; returns, present rate, about £2,000, with good profits; further details on application.

11.—SOUTH COAST.—Cash Retail Business for disposal through death; returns show a steady increase, last year's turnover being £2,457; splendid business; premises, in main road; valuation of stock and fixtures only required.

12.—SOUTHERN COUNTY.—For immediate disposal, through ill-health, old-established Business; no serious opposition; returns about £900; small residence; rent £35; lease if wished; terms, valuation of stock and fixtures.

13.—BUCKS.—Dispensing and Retail Business, all good class; returns exceed £1,500; net profit £520; stock and fixtures estimated at £900; vendor owns property; lease will be granted, or property may be purchased; price £1,200; good personal introduction would be given; vendor retiring.

14.—MIDLANDS.—Ready-money Retail, with little N.H.I. Dispensing; established many years; returns—last year £2,456; full investigation invited; rent £30; offer wanted.

## VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services.

**ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.**

### BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

LONDON, N.E.—Shop, d.f.; lock-up Chemists; completely fitted; ready for immediate opening; established over 20 years; exceptional opportunity to obtain good business cheap; rent £45 per annum, inclusive of rates and taxes. Turner, 160 Stoke Newington Road, N.

LONDON, N.W.—£800 cash; up-to-date Pharmacy; nicely fitted; well stocked; splendid business; bargain; excellent reasons selling; nice house and garden. Apply 232/330, Office of this Paper.

SOUTH COAST.—Proprietor retiring through ill-health and advanced age; returns about £900; £750 or valuation. Apply "R. F." (232/15), Office of this Paper.

FOR Sale, by private treaty, two good-class Chemists' Businesses in a busy seaside town. Particulars in the first instance from J. E. French, Hon. Sec. of the Kent Pharmaceutical Association, Sittingbourne.

GOOD-CLASS Retail and Dispensing Business, with N.H.I. work, for disposal; within a few miles of Manchester; returns £700, increasing; will accept valuation of stock and fixtures; fullest investigation invited. Address 232/31, Office of this Paper.

PHARMACY in good business town; North of Ireland; no opposition; well stocked; central position; business splendid; good opening for energetic man. Apply "P." (227/7), Office of this Paper.

PROFITABLE good-class Dispensing and Retail Pharmacy; healthy suburb near Manchester; returns about £1,000 under management; small house; rent £38; no opposition; very little N.H.I.; good family connection; would suit lady or gentleman requiring a light, clean business; price £500. Apply 230/9, Office of this Paper.

### FOR SALE.

CHEMIST'S Fittings for small shop; complete set, including two Counters with glass fronts, Dispensing Screen, Showcases, Window Enclosure, 68 Drawers, Shelving, Cupboards, etc. Apply 232/36, Office of this Paper.

FOR Sale, 50 lb. Calcii Glycrophosphas, Merck's, in 100 gm. original bottles; 12s. per lb. in parts, 11s. per lb. the lot. Apply 137/17, Office of this Paper.

SURPLUS STOCK.—39 dozen, 6 yards, 3 in. Bandages, 3s. dozen; 48 dozen, 4 yards, 2½ in. Bandages, 2s. dozen; 5 dozen, 4 yards, 2 in. Bandages, 1s. 9d. dozen; 29 dozen, 4 yards, 1½ in. Bandages, 1s. 6d. dozen; 14 dozen, 3 yards, 1 in. Bandages, 9d. dozen; splendid pre-war quality, white, or £16 10s. the lot, carriage paid. Also 10 gross 1 oz. deep Chippettes, 3s. 9d. gross; 5 lb. Troch. Bismuthi, 3s. lb.; 2 lb.; Troch. Ipecac., 3s. lb.; 2 lb. Troch. Pot. Chlor., 2s. 6d. lb. Milnes, Lane Head, Brighouse.

TARRAGON VINEGAR.—About 17 gross pint bottles Crosse & Blackwell's Tarragon Vinegar for Sale. Apply 222/27, Office of this Paper.

THE Fittings, including Counter, with cases in front, bent-glass case, Wall Fittings with mirrors, Dispensing Counter, with cases in front, Nest of Drawers, etc.; Oases glazed with plate glass; also Window Enclosure with plate-glass Shelves, and remaining Stock; no really reasonable offer refused; can be seen by appointment, or above would be a good chance for anyone with a small capital desiring to start business. Letters only, "Statim" (233/30), Office of this Paper.

WHAT offer for 25-oz. tin Quin. Sulph., P.B., ½ oz. grain Musk, 3 1-oz. bottles Virgin Otto of Rose, together or separate? Apply "M. T. R." (225/4), Office of this Paper.

### AGENCIES.

CHEMIST, with knowledge of languages, would undertake translations or Agency work. Apply "R. S.," 31 Rue de Poissy, Paris, 5.



# BRETT & CO.

Transfer Agents and Valuers,

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Telegrams: "Brett Leicester."

Telephone 1934.

F. J. BRETT, M.P.S.,

Gives personal attention to all valuations.

Valuations conducted upon the shortest notice at moderate fees.

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VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 CENTRAL.

### NO CHARGE TO PURCHASERS.

- 1.—SOUTH MIDLANDS (Death Vacancy).—Unopposed, good-class country Retail; pleasantly situated; returns £1,350; net profit £367 clear; low rent; good house and garden; nearest opposition 7 miles; thoroughly well stocked; price £900.
- 2.—LANCS.—Sound Cash Retail, within three miles of Bury; present returns about £1,000; no panel; wine licence; very low rent; same hands many years; population 7,000; good chance for smart man; price £400.
- 3.—NORFOLK.—Unopposed mixed village Retail; returns about £1,150; run as a Drug Store; large house; rent only £20; fully stocked; price £300; illness sole cause of sale; suit unqualified or qualified.
- 4.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; good house, bathroom, etc.; very best position; well stocked; price simply valuation, under £400; part can remain.
- 5.—LONDON SUBURB, N.E.—Sound progressive cash Drug Stores in fine main road position; returns nearly £40 a week; no panel; excellent profits; convenient house and premises; well stocked; owner called up; price for quick sale £800; qualified man would soon increase; takings to £2,500.
- 6.—LONDON, S.W.—Good-class Retail and Dispensing Business, in fine position, close to busy station; returns £1,000; no panel; clear net profit over £300; books properly kept; scope for increase, owner retiring; price £450; part could remain; strongly recommended.
- 7.—WEST LONDON.—Sound middle-class cash Retail; returns £26 weekly, plus N.H.I.; good profits; no immediate opposition; low rent; good house; price £350; half could remain if desired.
- 8.—SOUTH LONDON (Close to City).—Brisk Cash Business for disposal; returns nearly £40 a week; good profits; splendid corner position in busy main road; fully stocked; good modern premises; price £1,000; could arrange entry with £600 cash.

### STOCKTAKINGS.

We are now booking dates for August, and appointments should be made early to avoid dates clashing. Terms sent on application. 45 years' practical experience.

### BUSINESSES WANTED.

A GOOD Business wanted, about £3,000 returns, in provincial town or South Coast, or equivalent share in larger concern; a smaller business considered if profitable and expenses low, and situate in pleasant district; cash ready; all replies treated in strict confidence. Apply 232/32, Office of this Paper.

SMALL Chemist Shop or Drug Store required, or suitable premises for transferring a similar business; West, South-West or South-East London, or within ten miles preferred; with or without stock and fixtures; must be cheap; cash ready; neglected business not objected to. Evans, 13 Turnham Green Terrace, London, W. 4.

WANTED to purchase for cash, sound Manufacturing Business; Soap, Chemical, or allied business. Reply with full particulars, treated in strictest confidence, 138/48, Office of this Paper.

### APPRENTICESHIPS.

APPRENTICESHIP.—Parent wishes to place son in a good establishment where he would receive good training; live in; just left school; age 14½; South England preferred. Mr. Whiting, 57 Buckingham Place, Brighton.

## PARSON C. BAKER

(Pharmaceutical Chemist),

Trade Valuer & Transfer Agent.

Recommended by The British Drug Houses, Ltd.; Messrs. Meggeson & Co.; Barclay & Sons, Ltd.

Valuer to the Association of Manufacturing Chemists.

74 High Street, WALLINGFORD, Berks.

### SITUATIONS OPEN.

#### RETAIL.

BIRMINGHAM.—Assistant; capable of taking charge Light Retail and Dispensing (N.H.I.); no Sunday duty; share in profits to good man; usual particulars and photo if possible. Apply 224/14, Office of this Paper.

BOURNEMOUTH.—Junior or Improver for good-class Retail business. State experience, age, height, salary (outdoors), when disengaged, with photo and references. to W. Bland Botham, Pharmaceutical Chemist, The London Pharmacy, Bournemouth.

BRIGHTON.—Wanted, lady accustomed to Retail. Apothecaries' Hall certificate, for small Dispensing business for two weeks; easy berth; short hours; outdoors; proprietor ill, but can supervise. Apply, stating salary required, to Ballard, 11 Lydhurst Road, Hove.

BUXTON.—Lady Assistant wanted for good-class business; short hours. Please state age, previous experience, and salary required to W. T. Young, Pharmacist, 7 Spring Gardens, Buxton, Derbs.

CARDIFF.—Assistant wanted, also qualified Manager, for branch at Barry; ineligible or lady. Apply, with full particulars, age, experience, and salary required, photo if possible, to W. T. Hicks & Co., 28 Duke Street, Cardiff.

CARDIFF.—Qualified Assistant required as Branch Manager; also vacancies for unqualified Assistants. Full particulars to Dnck & Son, St. John's Square, Cardiff.

CARLISLE.—Competent Assistant wanted for good-class Dispensing business; hours 8.30 to 7 p.m., no Sunday duty; light work; comfortable position. State salary required, Hunter, Pharmacist, Carlisle.

DEVON.—Qualified Manager required, for duration of war, to work Light Dispensing and Retail; Photographic and Veterinary business; easy hours, no Sunday duty. State salary (indoors or outdoors) and full particulars to 236/5, Office of this Paper.

GRIMSBY.—Required, young lady or gentleman (discharged soldier) Assistant; Hall qualification; easy hours; good salary. Apply Barkers, Chemists, Grimsby.

GUY'S HOSPITAL, LONDON, S.E. 1.—Sixth Dispenser wanted (at once); Minor qualification essential; salary £150 per annum. Apply the Acting Pharmacist.

LANCASHIRE INSURANCE COMMITTEE.—SUPERINTENDENT: PRESCRIPTION PRICING BUREAU.—Wanted, qualified Pharmacist (male or female) as Superintendent of Prescription Pricing Bureau. Commencing salary £200 per annum. A man must be ineligible for military service. Applications, endorsed "Pharmaceutical," and accompanied by copies of three new testimonials, should be addressed as under and received not later than the 12th August, 1918. Clerk to the Lancashire Insurance Committee, 1 Fishergate Hill, Preston.

LIVERPOOL.—Wanted, a reliable Dispenser (lady) for beginning of September. Apply, giving usual particulars, G. H. Cole, The Pharmacy, Blundellsands.

LONDON, E.C.—Wanted, temporary Assistant for four or five weeks. Apply, giving full particulars and date when at liberty, to Pollock & Co., 133 Fenchurch Street, E.C. 3.

LONDON, N.W.—Wanted, experienced, unqualified Assistant, either sex, for branch shop near King's Cross. Apply, stating wages wanted, to Grant's Drug Stores, 33 Chatsworth Road, Clapton Park, N.E.

LONDON, N.W.—Qualified Assistant; able take charge; good all-round man; comfortable place to suitable person; good salary offered. Apply 232/33, Office of this Paper.

LONDON, S.E.—Assistant wanted, about August 23rd, for a good-class Family and Dispensing business; outdoors; permanency; liberal salary. Apply by letter, stating age, experience, and salary required, "B. W." (232/37), Office of this Paper.

LONDON, S.W. (near Walham Green).—Locum, qualified or not, for fortnight, August or September; middle-class trade. State reference, salary, and when at liberty, call or write, to Tyler's, 14 High Street, Marylebone.



**LONDON, W. 2.**—An experienced man as Dispenser; exempt from military service. Also young lady with knowledge of Patent Medicines and Toilet articles, for Front Counter; outdoors; short hours. Apply E. C. Evans, Pharmacist, Whiteley's, Queen's Road, W. 2.

**LONDON, W.**—Wanted, lady or gentleman; accustomed to good-class Dispensing business; no N.H.I.; outdoors. Apply, stating full particulars, to W. A. Weston, 8 Sandringham Parade, Ealing, W. 5.

**LONDON, W.**—Part-time, mostly afternoons; lady Assistant, with some shop experience, or Junior man (ineligible), for making stock preparations and assisting in first-class Dispensing. Apply by letter to 232/27, Office of this Paper.

**LONDON, W.**—Young lady Assistant required; must have had good Dispensing and Counter experience; comfortable berth; good salary. Apply 229/401, Office of this Paper.

**MANCHESTER DISTRICT.**—Qualified Manager required for high-class Retail and Dispensing business, with small proportion of N.H.I. work; good Counter and Dispensing experience essential; married applicant could reside on premises if desired. Address, stating references, salary, date at liberty, and enclosing photo, to be returned, to T. Woodruff, Ph.C., 83 High Street, Cheadle, Cheshire.

**ORMSKIRK, NEAR LIVERPOOL.**—Wanted, lady or gentleman Assistant (outdoors) in good-class country business; two other Assistants kept. Apply, giving full particulars, to Garsides, Ltd., Ormskirk.

## PARISH OF LEICESTER.

### DISPENSER AND LABORATORY ASSISTANT.

Applications are invited (at once) for post of qualified DISPENSER.

Salary commencing £2 a week to dispense Medicines at the Infirmary and Workhouse, and to assist the Medical Superintendent in the Infirmary Laboratory and Secretarial work.

Preference given to one holding "Minor" qualification. No Laboratory experience is necessary; only an aptitude or desire to learn the trade.

Subject to 2 per cent. deduction for Superannuation Act.

Candidates should apply in the first instance to Dr. Ernest C. Hadley, the Medical Superintendent of the Infirmary, for further particulars, enclosing copies of three recent testimonials, together with particulars, age, experience, etc., not later than August 14th, 1918.

**PLYMOUTH DISTRICT.**—Unqualified Assistant wanted; reliable Dispenser and Counterman; very convenient house provided off the premises; no Sunday duty; permanency. Full particulars to Stephens & Graham, Ltd., Plympton, Devon.

**SHEFFIELD.**—Wanted, lady or gentleman for high-class Dispensing and Counter work; must be experienced and well trained; outdoors. Write full particulars, age, height, experience, qualification, and salary required, Eardley & Furnival, Pharmaceutical Chemist, 265 Glossop Road.

**SCARBOROUGH.**—Experienced Assistant (ineligible) wanted; must be reliable Dispenser. Apply, stating full particulars, to F. A. Lund, Pharmacist, Westborough, Scarborough.

**SOUTH CROYDON.**—Assistant wanted. Apply, stating age, experience, and salary required, to S. A. Noble, Selsdon Road, South Croydon.

**SOUTH OF ENGLAND.**—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

**SOUTH SHIELDS.**—Wanted, Manager for Branch; lady or gentleman; able to take charge and dispense N.H.I. State usual particulars to 226/2, Office of this Paper.

**SOUTHSEA.**—Wanted, Assistant for Dispensing; also young lady for Retail Counter. Please give full particulars and salary required to T. A. White, Elm Grove Pharmacy, Southsea.

**STAFFORD.**—Experienced Assistant wanted (male or female). Apply, stating age, experience, salary required, and, if possible, send photo, to Fowke & Son, Chemists, Stafford.

**SUNDERLAND.**—Wanted by 5th September, Branch Manager; applicants must have at least two recent testimonials as to character and trustworthiness; every encouragement will be given to a good Manager. State wages required to Milburn's, Ltd., Chemists, 95-7 Northumberland Street, Newcastle-on-Tyne.

**SURREY.**—Chemist requires lady Dispenser (at once), Hall qualification, for good-class business. State usual particulars 134/6, Office of this Paper.

**WEST RIDING (Good Healthy District).**—Capable qualified Manager required for a sound Family Retail business, which is doing well; good salary, with a liberal interest in the profits offered. Apply 229/400, Office of this Paper.

**WEST RIDING, NEAR BARNSELEY.**—Young lady Assistant required; must be a good Dispenser; comfortable permanency; good salary. Apply 229/402, Office of this Paper.

**ASSISTANT**, qualified preferred, outdoors, for about two months, chiefly for Dispensing. Apply, giving full particulars, with salary required, to E. Bing & Son, Pharmaceutical Chemists, Canterbury.

**ASSISTANT**, unqualified, good all-round experience, for mixed Agricultural business; short hours, no Sunday duty. Full particulars first letter, enclose photo, state salary required (outdoors), D. Bell Kidd, M.P.S., Highbridge, Somerset.

**ASSISTANT**; chiefly Dispensing; part-time could be arranged. Apply personally at Tate, 7 Belgrave Mansions, S.W. 1.

**ASSISTANT (male)** wanted for end of August. Pope, Ropch & Son, 71 St. James's Street, S.W.

**ASSISTANT** wanted for best-class Dispensing Business; lady or gentleman; hours 9 till 7; outdoors. Jeffries, Chemist, Guildford.

**ASSISTANT**; outdoor (lady or gentleman); whole or part time; knowledge of Dispensing and Retail; no N.H.I. work. Apply G. W. G. Robinson, M.P.S., 307 Railton Road, Herne Hill, S.E. 24.

**ASSISTANT (lady)**, Hall qualification, required for good-class Retail and Dispensing; outdoors; moderate hours. H. W. Selby, Sussex Square Pharmacy, Haywards Heath, Sussex.

**ASSISTANT** required (at once); outdoors; reliable Dispenser. Apply, with full particulars, to Dickinson, Chemist, Stamford, Lincolnshire.

**CAPABLE** male Assistant required (at once); unqualified; ineligible. Apply Drug Department, Civil Service Stores, 28 Heymarket.

**CHEMIST** and Dentist requires Assistant; opportunity to learn Dentistry; mechanical work done on premises. Please state full particulars as to age, experience, references, married or single, when disengaged, salary required, and if exempt from military service, Foster, 219 Luke Road, Portsmouth.

**DISPENSER (lady)** required by a Doctor a few miles from London; no Sunday work. State experience and wages, 227/22, Office of this Paper.

**DISPENSER (lady preferred)** wanted. Send full particulars to Dr. Williams, Buckley, near Chester.

**DISPENSER** and Bookkeeper wanted (shortly); preferably to reside at Surgery, but outdoor possible; neat appearance and methods essential; pleasant position for single man or woman. Apply, by letter only, stating age, experience, and salary desired, but without testimonials or photographs, to Doctors, 207 Grovo Lane, Camberwell, S.E. 5.

**DISPENSER (temporary)** wanted at the Park Fever Hospital, Hither Green, Lewisham, S.E. 13 (under the Metropolitan Asylums Board); must be a Licentiate of the Society of Apothecaries or registered under the Pharmacy Acts (Major or Minor certificate of the Pharmaceutical Society); those holding only the Assistants' certificate of the Society of Apothecaries are not eligible; salary £3 3s. per week, with dinner and tea daily when on duty. Apply to the Medical Superintendent.

**EXPERIENCED** Assistant required; outdoors; short hours; good salary. Apply to Mr. Marshall, c/o John Bell & Croyden, 50 Wigmore Street, W. 1.

**GOOD** opening for a young qualified man; either rejected, discharged, or Grade 3; permanent and lucrative post. "H. L." (229/403), Office of this Paper.

**INSURANCE PRICING.**—A lady, with knowledge of Dispensing, required in connection with the Pricing of N.H.I. Prescriptions; previous experience an advantage. Apply "X. Y. Z." (232/26), Office of this Paper.

**JUNIOR** Assistant; lady or gentleman; ineligible. Full particulars and salary required, T. M. Cook, Chemist and Optician, Hindley, Lancs.

**LADY** Assistant, Minor qualification, required at once; short hours. Apply Mr. Longstaff, John Barnes & Co., Ltd., 191-217 Finchley Road, N.W.

**LADY** Locum wanted, competent lady or gentleman, to take charge of Pharmacy during absence of principal for ten or twelve days during latter part of August; lady Assistant kept. Apply, with particulars and terms, to 230/22, Office of this Paper.

**LADY** Dispenser (experienced) required immediately; outdoors; six hours duty daily, one hour Sunday morning, evening free; weekly salary £2 10s. Dr. Cairns, Marriott Street, Northampton.

**LADY** Assistant required for high-class Pharmacy. Please give full particulars to E. J. Savage, 13 Queen's Road, Bournemouth.

**LADY** Dispenser wanted (immediately); experienced; wages £2 weekly. Apply by letter to the Steward, Norfolk War (General) Hospital, Thorpe, Norwich.

**LADY (Minor)** required for Retail; outdoors; London; 9.30 till 1.0 p.m.; 2.30 till 8.0 p.m.; 3½ guineas. Apply 232/4, Office of this Paper.

**LADY** Assistant, chiefly for Dispensing, Hall qualification, short hours, required at once. Apply Mr. Longstaff, John Barnes & Co., Ltd., 191-217 Finchley Road, N.W.

**LADY** Dispenser wanted; must be quick and reliable. Full particulars and salary required to Hartleys, Chemists, Nelson, Lancashire.

**LADY** Dispenser wanted (outdoors) for morning and evening work. Write "Doctor," 42a New Cross Road, London, S.E.



**LOCUM** (registered) required; country business; short hours, no Sunday duty. Chemist, 96 Market Street, Hednesford, near Stafford.

**LOCUM** for one month; good experience and reliable; unregistered; good references. 18 Wilton Road, Victoria Station.

**LOCUM** (qualified) wanted for three or four weeks early in September; must be nimble, reliable, and well recommended; outdoors; light hours and no Sunday duty; lady Assistant kept. Apply, naming references and salary required, or in person, to Mr. Ness, 68 Brixton Road, S.W. 9.

**LOCUM** wanted, Ormskirk, near Liverpool, lady or gentleman, for a fortnight commencing August 12th (outdoors); good salary. Apply Garside's, Ltd., Ormskirk.

**LOCUM**; qualified; last two weeks in August; letters only. Chemist, 173 Half Moon Lane, Herne Hill, S.E. 24.

**LOCUM** for about two weeks about August 14th, to relieve proprietor of East-End Light Retail and N.H.I. Please state terms and references to 231/28, Office of this Paper.

**LOCUM** wanted (qualified) for a fortnight in September or early October. State salary required, indoors, and references, Stones, Chemist, 21 Tackett Street, Ipswich.

**LOCUM** wanted for four to eight weeks; start any time; qualified and with Dental experience preferred, but not essential; permanency if desired; easy hours, weekly half-holiday; no Sunday duty. J. A. Hughes, Ph.C., Abercarn, Mon.

**LOCUM** wanted, easy and comfortable berth, for three weeks in September; Lincolnshire; £5 weekly and fare one way. Apply 141/6, Office of this Paper.

**LOCUM** wanted for fortnight (August or September) at Bristol; unqualified Assistant; discharged preferred. State experience and dates available, "S." (232/6), Office of this Paper.

**LOCUM** for August. Miller, Chemist, Ashton-under-Lyne.

**MANAGER** or Manageress required for good class business. Apply, stating age, height, experience, and salary required to Waters, Chemists, Darlington.

**MANAGER**; Light Retail and Dispensing; outdoors; knowledge Photography; one whole day weekly. Apply S. Long, 190 Stamford Hill, London, N. 16.

**MANAGER** and Buyer, with good experience; capable of taking entire control; high-class Store trade; short hours, no Sunday duties; outdoors. Apply, with fullest particulars, Manager, Palmeira Stores, Hove.

**MESSRS. TIMOTHY WHITE CO., LTD.**, Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

**POINGDESTRE & TRUMAN** require a qualified Assistant for a City Branch; hours 9 a.m. to 6 p.m. Also a Temporary Assistant for about two months (no ladies). Apply to 71 Old Kent Road, S.E. 1.

**QUALIFIED** Assistant (ineligible) required for good-class Retail; outdoors; some Dispensing. Please state salary, age, experience, and reference, Thorp, Chemist, Bognor.

**QUALIFIED** Assistant wanted for Agricultural business; ineligible or discharged soldier. Burrows, Chemist, Gainsborough.

**QUALIFIED** Branch Manager wanted; good experience of management and knowledge of Photography; must be ineligible for military service; references must bear strictest investigation; good salary and commission to right man. Apply 232/24, Office of this Paper.

**QUALIFIED**, lady Dispenser and Bookkeeper required by Doctor; East Coast; state age, experience, and salary required (outdoors). Apply 227/9, Office of this Paper.

**SAVORY & MOORE** require a lady Clerk with good knowledge of bookkeeping, and preferably with experience of the Drug trade. Apply with full particulars, and stating salary required, to Manager, 143 New Bond Street.

**SURGICAL INSTRUMENT BUSINESS**—Assistant for Shop Counter; state age, other duties accustomed to, and wages expected. Reply "Surgical," Lee & Nightingale, Liverpool.

**TEMPORARY**, reliable Assistant wanted for a month as soon as possible. Please give particulars as to salary, etc., to E. Wavell, 144 Victoria Street, London, S.W.

**TEMPORARY RELIEF**—Wanted, gentleman to take entire charge for one or two weeks (during absence of principal) after August 20th; further continuation of engagement if required. Wyatt, Chemist, Barnes, S.W.

**UNQUALIFIED** Assistant, rejected, Grade 3 or discharged, for progressive Store business in healthy West Riding town; comfortable permanency, with good prospects. "W. R." (229/40), Office of this Paper.

**WANTED**, qualified lady Dispenser for early part of September; no Counter work; or Locum for same period. Apply, stating terms and give references, to 231/19, Office of this Paper.

**WANTED**, qualified Manager (ineligible) to take complete control of Chemist's business during absence of owner on military service; medium-sized good-class Family Retail and Dispensing business; 25 miles from town. Apply, stating references and salary required (outdoors), 229/25, Office of this Paper.

**WANTED**, qualified Managing Assistant; easy hours; indoors or outdoors. "Radix" (230/6), Office of this Paper.

**WANTED**, lady Assistant; Dispensing and Counter. Apply, stating full particulars, to Pearce, Chemist, Newquay, Cornwall.

**WANTED**, qualified Assistant; female or discharged soldier; capable taking sole charge. Application, with full particulars, to Charles B. Stout, M.P.S., Chemist, Lerwick, Shetland Isles, N.B.

**WANTED** (at once), qualified lady to take charge of Branch business. Apply, with references, salary, and all particulars, to Buckingham Asylum, Norfolk.

**WANTED** at once, Assistant (lady or gentleman) for light country Retail; outdoors; comfortable berth; easy hours; permanency. State references and salary to Gibbs, Chemist, Berkhamsted, Herts.

**WANTED** (at once), an Assistant for a month or two, for good-class business; not on panel; easy hours and no Sunday duty. Please give full particulars, stating age, experience, references, and wages required (outdoors), E. Bunn, Chemist, The Central Pharmacy, Chelmsford.

**WANTED**, Manager (ineligible for military service) or qualified lady. State experience, recent engagements, and salary required, to H. W. Herbert, 41 High Street, Egham, Surrey.

**WANTED**, thoroughly reliable Dispenser, Bookkeeper, and Surgery Attendant desiring a permanency; either sex; private and panel practice; town of 10,000 inhabitants. Apply, stating salary, "J. R.," c/o Ferris & Co., Union Street, Bristol.

**WANTED**, well-educated, gentlemanly Assistant; accustomed to a high-class Dispensing business; outdoors; others kept; hours of business, 8.30 to 7. Mr. Lewis, Chemist, Ealing, W. 5.

**WANTED**, lady Assistant to put up Stock and assist at Counter; one with previous Counter experience preferred. Apply, with full particulars and salary required, to W. J. Boyes, 61 Balham Hill, S.W. 12.

**WANTED**, unqualified Assistant; either sex; good references. State age, experience, and salary required, E. Needham, Chemist, Stalybridge.

**YOUNG** man released for the Army. Who will take his place? Must be qualified and manage branch (London, N.); good salary to progressive man. Apply 228/9, Office of this Paper.

**YOUNG** lady Dispensers, with Counter experience, required for Brondesbury and Norwood districts, and also for Sutton, Surrey; must have the Apothecaries' Hall qualification; good salary. Apply personally, or by letter, to Parke's Drug Stores, Ltd., 65 Harwood Street, N.W. 1.

**£5 WEEKLY** and commission offered to capable and efficient qualified Manager for brisk, good-class country business; no Sunday duty. Photo, references, age, and usual particulars to Horton, Stockbridge House, Chichester.

## WHOLESALE.

**ANALYTICAL** Chemist (Soap, Oils, and Fats) required by a London firm; progressive position; good opportunities. Reply, stating age, experience, and salary required, Z.P. 257, care Deacon's, 7 Leadenhall Street, E.C. 3.

**DRY** Counter Hand wanted; must be experienced. Apply, stating full particulars, to Dakin Bros., Ltd., 82 Middlesex Street, E. 1.

**EXPERIENCED** Costing Clerk, male or female for firm of Wholesale Druggists in Liverpool; good prospects for suitable applicant. Applications to "W.," c/o P.O. Box 38, G.P.O., Liverpool.

**EXPERIENCED** Works Manager required (immediately) for well-known Foods and Drug manufacturing house in the North of England; must have first-class Chemical and Pharmaceutical qualifications, be good disciplinarian and organiser, and able to supervise the manufacture of Sauces, Egg Powders, Baking Powders, and similar products. Give full particulars of previous experience and state salary required to Mr. W. P. Bowman, c/o Messrs. Goodall, Backhouse & Co., Leeds.

**GOOD** Porter wanted; ineligible. Apply Drug Department, Civil Service Stores, 28 Haymarket.

**TABLET** Maker or Granulator wanted; Liverpool; permanent post; good salary. Apply 137/18, Office of this Paper.



**WANTED**, General Manager for firm of Chemical Manufacturers; previous knowledge of commercial management absolutely necessary. Please state qualifications and salary required to Box 677, Sells, Ltd., 168 Fleet Street, E.C. 4.

**WANTED**, a youth or man for Galenical making. Apply J. Woolley, Sons & Co., Ltd., Manufacturing Chemists, Knowsley Street, Cheetham, Manchester.

**WANTED**, a scientific, practical Chemist, for Laboratory work, by a new manufacturing firm in Dublin. State qualifications, experience, salary expected, Box A782, Kenny's Advertising Agency, Dublin.

**WAREHOUSEMAN** wanted. Apply, stating experience, age, and salary required, to Box 231/26.

**WET COUNTER**.—First Hand wanted; a man with Retail experience entertained; permanent situation. Apply, stating age, experience, and wages required, to Secretary, General Apothecaries' Company, 49 Berners Street, W. 1.

## SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

### [HOME.]

### RETAIL.

**ADVERTISER**, desiring change, wishes situation as Manager in September; qualified; all-round experience; Extractor, Prescriber, Dispenser, N.H.I., etc.; live over shop; anywhere north of the Trent; market town or seaside preferred. Apply 232/28, Office of this Paper.

**ASSISTANT** or Manager (30); C3; active, competent; all branches; unqualified; country town preferred; at liberty shortly. Reply to "Ensol" (230/29), Office of this Paper.

**ASSISTANT**; disengaged; elderly; very active; Dispensing, Counter, Stock; references very good. Apply 232/16, Office of this Paper.

**BIRMINGHAM**.—Situation required in Retail, Wholesale, or as Locum; well recommended; exempt. "Rhe", 146 Icknield Port Road, Birmingham.

**CHEMIST** recommends his present Manager; qualified; 48; highly experienced; reliable, energetic, trustworthy. Apply 228/30, Office of this Paper.

**COMPETENT**; reliable; exempt; married; age 30; undeniable references; seaside or country; disengaged August 31st. "Rex", 16 Carlton Park Avenue, Raynes Park, S.W. 19.

**EVENING** and other help offered in exchange for bedroom, etc.; qualified. Apply 231/37, Office of this Paper.

**EXPERIENCED** qualified Chemist at liberty for twelve days in August as Locum. Apply 140/60, Office of this Paper.

**GRADE III**; Manager or Assistant; well experienced as either; smart Salesman and Window-dresser; accurate Dispenser, good knowledge of Photo, Optics, and Surgical; unregistered. Apply 229/31, Office of this Paper.

**LADY** Dispenser, Hall qualification, seeks post in Birmingham district; locum or permanency. Apply 230/13, Office of this Paper.

**LADY** Dispenser requires post (September) with Doctor; experienced; Hall qualification. Apply Stewart, 49 George Road, Ealing, W. 5.

**LOCUM**; Institution or Retail; exempt; qualified; experienced. Wilson, 33 Schubert Road, S.W. 15.

**LOCUM** after middle of August; retired Chemist; 53; best references. Apply 228/22, Office of this Paper.

**LOCUM**; over 30 years' wide experience; Hospital and Pharmaceutical; qualified; disengaged August 12th to 18th only. Smith, c/o Bates, Chemists, 589b Commercial Road, E.

**LOCUM** Dispenser, Hall, experienced, now disengaged; seaside preferred. Miss Saul, 129 High Street, Brentwood, Essex.

**LOCUM** desires engagement for fourteen days in September; South-Western district preferred. Locum, c/o Mr. Cocks, Edgumbe Street, Stonehouse, Plymouth.

**LOCUM**, qualified, 30, will take charge last fortnight in August. Pharmacist, c/o Johnson, Chemist, Birkley, Huddersfield.

**LOCUM**.—Pharmacist would supervise country or river business within 50 miles London; accommodation desired, wife, child, fortnight or part, from August 12th. Apply 233/36, Office of this Paper.

**M.P.S.** (30), Grade 2, single, Pharmacy medallist, good organiser, with initiative, exceptional experience, and business building ability, now managing high-class Dispensing business, desires position with greater remuneration. Apply 232/20, Office of this Paper.

**MANAGER**; Scotsman; 44; married; no family; abstainer; unqualified; view to succession if desired. Please state salary offered in first letter; present salary £4 weekly. Apply "Scot" (229/37), Office of this Paper.

**MANAGER**; qualified; disengaged August 19th; all-round experience; references; exempt; would accept locum work. Jones, 29 Fairholme Road, West Kensington, W. 14.

**MANAGER**, qualified, 35, permanently unfit, with present employer nine years, desires change with view to increased remuneration and prospects; state hours and salary. Replies to 228/14, Office of this Paper.

**MANAGER** or Locum; qualified; elderly; experienced Dispenser. Pharmacist, 9 Stanley Road, Bath.

**MANAGERSHIP**; permanency; good-class branch or similar post; exceptional experience; undeniable references; October; over military age. "Chemist", 22 High Street, Bromley, Kent.

**MANAGERSHIP** or responsible position sought by Pharmacist; North Midlands or Yorks; over military age, active, good experience, and references; used to buying; please state wages; disengaged middle August; permanency. Apply 229/38, Office of this Paper.

**MANAGERSHIP** wanted by qualified Chemist; 32; married; both high-class Dispensing and Store trade experience; Grade 3. Please state salary, 230/24, Office of this Paper.

**PHARMACEUTICAL** Chemist (ineligible), holding prominent West-End Managerial position, desires change. Apply 233/29, Office of this Paper.

**QUALIFIED**, 34, wants situation as Manager (immediately). Full particulars and wages to "Radix", 314 Blackburn Road, Egerton, Bolton.

**QUALIFIED** desires Managership; North Country preferred; married; 29; Grade II.; excellent references; all-round experience. State hours and salary offered, 229/26, Office of this Paper.

**QUALIFIED** Pharmacist seeks position of trust; complete knowledge of buying and management of large establishments; at present holding control of large Retail middle-class Pharmacy with branches. Replies 140/17, Office of this Paper.

**QUALIFIED** Chemist, of considerable and varied experiences, wishes to assist in or manage a good business with view to early purchase, or would entertain a proposition of partnership in a large concern; South of England, and within 50 miles or so of London. Chemist, 122 Addison Way, London, N.W. 4.

**QUALIFIED**, 28, ineligible, married, as Manager; excellent experience; Lowestoft or district preferred. State salary offered and full particulars to "Active" (230/18), Office of this Paper.

**QUALIFIED** Dispenser wishes "locum tenens" appointment. Apply to 228/6, Office of this Paper.

**QUALIFIED** Manager, thorough all-round experience business builder, methodical, systematic, quick and energetic, University education, just over military age, at present managing good business last 18 months, which has increased 75 per cent. during that time over previous record, requires position where energetic, loyal, and conscientious services would be appreciated; £5 weekly, or £4 10s. and commission; please give full particulars; practically abstainer. Apply 228/8, Office of this Paper.

**QUALIFIED**, middle-aged, Manager or Locum, at liberty August 4th; satisfactory work guaranteed. Apply 232/25, Office of this Paper.

**RELIABLE** Dispenser and Surgery Attendant, 30, disengaged July 8th, requires locum or permanency with Doctor or Institution; last situation, one year management of Drug Store, five years with Doctor. Write Mr. M. Birch, 16 Melrose Gardens, Hammersmith, W. 6.

**UNQUALIFIED**; 37; ineligible; expert Salesman and Window-dresser; London or near; £5 weekly. Apply 227/4, Office of this Paper.

## SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

**EGYPT**.—Young English lady seeks post; Cairo or Alexandria; Apothecaries' Hall qualification; six years' Dispensing and Counter experience; knowledge of French; excellent references. Apply 223/20, Office of this Paper.

## MISCELLANEOUS.

**MCADAM & TUCKNISS**, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. 3. Established 1898. Telephone: 81 Lee Green.

Shares for Sale (free of commission, subject).—90 Claudius Ash Ordinary, 25s. 6d.; 100 International Plasmion Ordinary, 8s. 6d.; 500 Mazawattee Ordinary, 4s. 10½d.; 50 Prefs., 54s.; 70 A. Serre Prefs., 16s.; 1,000 Hageman Prefs., 6s. 3d.; 500 Colonial and Foreign Salt, 3s. 10½d.; 250 R. White Preferred, 5s. 1½d.

Wanted (subject).—250 Aerators Preferred, 12s. 6d.; Allenbury Prefs.; Idris and Camwal Debentures; Wright Layman Prefs. Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

**90** LB. Saccharin Tablets, ½ grain, 330 in 1, 21s. 6d. per 1,000, 145s. per lb.; ¼ grain, 330 in 1, 16s. per 1,000, 110s. per lb.; cash with order; registered post free per return. Francis Hallam, Ltd., 22 High Street, Burton-on-Trent.



**100,000** Saccharine Tablets; prompt delivery, Monsanto brand;  $\frac{1}{2}$  in 1; 330 full strength; 5 to 10,000 at 21s.; 10 to 50,000 at 20s. 6d.; 50 to 100,000 at 20s.; posted by return for cash on *pro forma*. Apply 139/36, Office of this Paper.

**POTTERY** Vessels (12 or more) of Doulton make Storage Jars (some with three necks), holding from 100 to 120 gallons each, for Sale; may be inspected at Limehouse by appointment. Address "Pottery," care of Wilcox & Co., Locksley Street, Limehouse, London, E. 14.

**SECOND-HAND CHEMISTS' FITTINGS.**—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

**SHOWCASES AND SHOP FITTINGS.**—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop Fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

**140** LB. Saccharin Tablets,  $\frac{1}{2}$  gr., 330 in 1, over 7,000 to lb., £7 10s. per lb.; 2 lbs. £7 9s. 6d. per lb.; cash with order; registered post same day. A. Walton, 40 Washington Street, Bradford.

## DISPENSING BOTTLES & PHIALS.

CLEAR BLUE TINTED, plain or graduated.  
3 and 4 ounce. 6 and 8 ounce.

12 ounce.  
WHITE PHIALS, plain or teaspoons.  
 $\frac{1}{2}$  ounce.  $\frac{1}{4}$  ounce.

1 " 2 " BLUE LOTION BOTTLES, all sizes.

**CORKS.** Superior Quality. No advance in price.

6 and 8 ounce ... 1s. per gross, in 6 gross bags.  
Vials ... 10d. per gross, in 3 gross bags.

Delivered free within 7 miles, and to certain stations. Particulars on application.

**I. ISAACS & CO.,** Glass Bottle Manufacturers,  
106 Midland Road, St. Pancras, London, N.W. 1,  
or ISLINGTON BOTTLE COMPANY,

7 New Inn Yard, Tottenham Court Road, London, W. 1.

Orders sent to either establishment have attention.

Established 100 Years.

Bankers: London County and Westminster Bank, Bloomsbury Branch.

## R. GIBBINS & CO.

— WHOLESALE —

*Tablet Manufacturers,*

1 Birkbeck Rd., Kingsland, London, E. 8

Price of Saccharin Tablets  
can be had on application.

## EXCHANGE COLUMN.

One halfpenny per word with name and address. One penny per word if we register the address and attach a number. No advertisement inserted for less than 6d.

### FOR DISPOSAL.

#### OPTICAL AND PHOTOGRAPHIC.

HALF-PLATE Camera, 2 lenses, tripod carrier, printing frames, etc., £3 the lot. "R., St. Marylebone Infirmary, W. 10.

#### DRUGS AND CHEMICALS.

WHAT offers? 1 lb. Sulphonol. R. P. Parker, Druggist, Watford.

SACCH. Lact. Pulv.,  $\frac{1}{2}$  lb., 25s., postage paid. Chemist, 75 Bramford Road, Ipswich.

7 LB. best white Sugar of Milk, £2 3s. 9d.; carriage paid; cash with order. Lyndwood & Co., Chemists, 71 High Holborn, London, W.C. 1.

SODIUM Phosphate, B.P., in large quantities; spot cash. Lyndwood & Co., Chemists, 71 High Holborn, London, W.C. 1.  
GROUND White Pepper; guaranteed pure, but flavoured by contact with disinfectant; about 84 lb.; 1s. 6d. per lb.; suitable for poultry. Critchley, Chemist, Blackburn.

### SHOP FITTINGS.

TWO Window Carboys, pear shape; C.G. Stoppers, Fittings, etc. Apply 238/21, Office of this Paper.

### MISCELLANEOUS.

FOUR Celluloid Full Upper Showpieces. R. Lamb, 123 West End Lane, London.

SANITARY Towels, B. and W., compressed No. 2, in Cartons; 20 lb. Paraffin Wax, white, 1s. 2d. per lb.; all carr. paid, cash with order. Drake, 29 Seymour Place, W. 1.

"GEDDIS" Whisk, size 4, jacketed, power driven, fast and loose pulleys, tilting gear, splendid condition, suitable use as emulsifier; maker Werner & Pfleiderer, £4 15s.; also 1 h.p. Electric Motor, direct current, 220 volts, speed 1,400 revs. Melling, 8 Dorset Street, Bolton.

### WANTED.

40 OZ. Syphons; second-hand; in good repair. Belsher, Bloxwich. WANTED, Albargin. Midgley, Mosley Street, Manchester.

PROPRIETARY Wines, any sort; also Port, Sherry, Claret. Belsher, Bloxwich.

BICARB. Soda; any quantity; immediate delivery. Reade Brothers, Ltd., Wolverhampton.

GLYCERINE, pure white, in 56-lb. tins. State prices and quality to Hay, Chemist, 476 Union Street, Aberdeen.

TABLET-MAKING Machine; motor driven; latest type. Milroy Chemical Co., Ltd., 5 Newcomen Street, Borough, S.E.

TABLET Machine (hand); good condition. State make, price, etc., Penford, 90 Wheelwright Road, Erdington, Birmingham.

SECOND-HAND Wrought-iron Tubing,  $\frac{3}{4}$ " or 1", wanted; state quantity and price. Also small Hand Pump. Apply 139/1, Office of this Paper.

KERGOLD BELTS.—Wanted (at once); a number of these; must be undamaged. Reply, stating lowest price and carriage paid, to "S., 7 Priory Court, London, N.W. 6."

TABLET Machine; hand power; Stokes or other good make; high price for good machine. Apply 220/40, Office of this Paper.

WANTED, Radium Salt, pure or Residues, old Applicators, etc. Apply Harrison Glew, Radium Laboratories, 156 Clapham Road, S.W. 9.

POWER-DRIVEN Jacketed Mixer, suitable for Toilet Creams; any size up to 5-cwt. capacity. Apply 128/41, Office of this Paper.

500 gross Ointment Tins, etc.; also quantity Labels for Proprietary articles. Send samples and lowest price for cash, James, Chemist, 15 Crownhill Road, Harlesden, N.W. 10.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation, cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W. 4.

SPECTACLE Lenses, Gold-filled Spectacle and Eyeglass Frames, in any quantity. Particulars and prices to Bishop & Vincent, 460 Holloway Road, N. 7.

EUREKA Tablet Machines wanted; £12 each offered if in good condition. Apply 232/10, Office of this Paper.

BIG prices paid for Stokes' or Colton Tablet Machines; Pill Machinery also wanted. Particulars to 78/58, Office of this Paper.

CELLULOID Scrap Films; pieces or waste; spot cash for 1-lb. or 10-ton lots. H. B., 17 Ashmere Grove, Brixton, London, S.W. 2.

ROLL FILMS; all sizes wanted; retail prices given for most. Particulars to Bishop & Vincent, 460 Holloway Road, London, N. 7.

JOB line Tins wanted, suitable for Boot Polish, etc. We are also buyers of Tin Plates, printed or plain. Also Cartons for same. "Brytenup" Polish Works, Marsh Lane, Preston.

## WAR WANTS EXCHANGE.

For the terms upon which announcements are inserted herein see Supplement for December 8, p. xliii.

### WANTED.

Luminal (225/39)

Somnacetin (225/39)



# WATSONS' OF SHEFFIELD

**Give TWO-THIRDS Retail Price**  
for No. 1 Junior Kodaks and  
No. 2 Folding Brownies and for  
many other cameras.

**Three-quarters Retail Price**  
for ROLL FILMS of all kinds.

Out-of-date films bought for experimental purposes.

*If you have anything photographic, cameras, apparatus or supplies you cannot sell, send it to us now. It will never be worth so much to you again.*

Ask your nearest chemist friend if he was satisfied with the price we paid him. He'll tell you.

All remittances immediately and all goods returned CARRIAGE PAID at once, if required.

## TESTIMONIALS. LONGTON.

"Many thanks for postal order to hand yesterday. I must say that you have been most courteous and straightforward over this matter. Indeed, I cannot conceive of a firm being more straightforward than yourselves." H. H. E.

HOLLOWAY, N.  
"I am in receipt of your letter and cheque, value £5, in payment for camera; and I am greatly obliged by the prompt and liberal treatment I have received in the matter." C.W.

**WATSONS', The Camera House,**  
Tel. No. 27. 84 High Street, Sheffield.

## FOR SALE

**1 cwt. HYDROQUINONE U.S.P.**  
16/9 per lb. *Only firms' offers considered.*

Apply to Box No. 136-55, Office of this Paper.

## "HOLMIER" BRAND COMPOUND SACCHARIN TABLETS.

One is equal to a teaspoonful of sugar.  
Made with American 550 Saccharin. 16/- per 1000 Reg. post paid.  
*Cash with order.*

**MEYER, Manufacturing Chemists, GRAVELLY HILL, BIRMINGHAM.**

## COTTON WOOL.

(1 lb. Rolls Interleaved.)

*Book your Contracts now, before the price advances.*

We are prepared to accept Contracts for delivery as required during 1918, carriage paid, at the following prices:

**White Absorbent Cotton Wool (Interleaved), 1 lb. Rolls**  
1 cwt. lots @ 2/2 per lb. 10 cwt. lots @ 2/1 3/4 per lb.  
20 " @ 2/1 1/2 " 40 " @ 2/1 "

*Special Prices for larger quantities. Any quantity up to 30 tons.*

Packed in 1 cwt. bales. Bales charged and allowed when returned. Terms: Cash 7 days from date of each delivery on satisfactory references; otherwise Cheque with order.

**S. MATZ, Chemist, 341 Cheetham Hill Road, MANCHESTER**

## SACCHARIN TABLETS. RELIABLE and SATISFACTORY

1/4 grain in 1. 1000 at 17/2 1 lb., about 8000, £6 15 0  
1/2 grain in 1. 1000 at 22/10 1 lb., about 7000, £7 17 6

C.W.O., Registered Post Paid. Prompt Delivery.

**S. ONE & CO., Wholesale Druggists, 10 Exchange St., NORWICH**

## DAMANCY & CO., HARROW.

In addition to the quantity required to supply to our contracts, we have now a further quantity to offer of

### SWEETENING TABLETS

(Compound Saccharin Tablets)

Made with U.S. 550 Saccharin. One equal to a teaspoonful of sugar.

15/- per 1000, registered, post free. Cash with order. Not less than 20,000 supplied to any one order.

## EVERY DAY

someone is wanting DR. WILSON'S "MOOVIT" CORN PENCIL. It is well advertised, and commands a ready sale.

Retails 1/3. (P.A.T.A.)

Wholesale Agents: May, Roberts & Co., Ltd.; Sangers;

W. Edwards & Son; Barclay & Sons, Ltd.

Attractive Show Bills, &c. from TALBOT WILSON, 20 Highgate Road, LONDON. N.W. 5.

## SACCHARIN TABLETS.

1/2-gr. 330 in 1 ... 10,000 at 21/6 per 1000

" " " " " 25,000 at 21/3 " " "

1/4-gr. 330 in 1 ... 10,000 at 16/6 per 1000

" " " " " 25,000 at 16/3 " " "

Cash with Order. Reg. Post Free.

**J. AUSTIN, Chemist, Alum Rock Rd., SALTLEY, Birmingham**

## SACCHARINE TABLETS Immediate delivery from Stock.

1/4 grain, 330 in 1. 7030 to the lb.—

1000 @ 21/9, 1 lb. @ £7 8 6, 2 lbs. @ £7 8 0, 3 lbs. @ £7 7 6.

5 lbs. @ £7 7 0, 10 lbs. @ £7 6 6.

1/4 grain 330 in 1 tablet—1000, 16/11; 5000, 16/9; 10,000, 16/3;

25,000, 15/9; 50,000, 15/8.

*Free registered post return guaranteed. Cash with order.*

**W. TRAVIS, 203 Whitecross Street, LONDON, E.C. 1**

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## SACCHARIN TABLETS

1 gr. 330. 21/- per 1000, or 10,000 @ 20/- per 1000  
100,000 @ 18/- per 1000.

C.W.O. Delivery per return.

**FREEMAN, 93 Graham Road, Dalston, E. 8**

## TOILET SOAP.

What offer for 450 gross TOILET SOAP?

*Margerison's size 6, assorted equally.*

Buttermilk, Glycerine and Cucumber, Jockey Club, Lavender, Brown Old Windsor.

Write Box 223-23, Office of this Paper.



## P.A.T.A. NOTICE.

The prices announced below will come in force as from the date of this issue:—

Advert. Price.		Minimum Retail Price.	Minimum Wholesale Price.
1/3	Bates' Pelletta	1/3	12/-
3/-	" "	3/-	28/10
2/-	Frame Food Biscuits	2/-	19/6
	Same discount as in 1918 Y.B.		
1/10	Hirst's Orange Quinine		
	Wine	1/10	16/-
3/2	" "	3/2	28/-
			10/6 doz.
1/3	Blinblow's Asthma Cure	1/3	10/- by 3 doz.
			9/6 " 12 "
3/3	" "	3/3	28/- doz.
			27/- by 3 doz.
Lysol Ltd.'s Goods:—			
6d.	Marshall's Lysol Toilet Soap	6d.	tab.
			48/- gross tabs.
Parke, Davis & Co.'s			
1/3	Euthymol Tooth Paste	1/3	10/2
1/3	" " Powder	1/3	10/2

# SHUGOW

Sugar Substitute for Jam Making, &c.

**CHEMIST, ATTENTION!**

1 oz. of Shugow equals 1 lb. of Sugar, about 16 times sweeter than Sugar. One pinch sweetens cup of tea, &c.

## SHUGOW

Good for **CAKES, PUDDINGS, ICE CREAM, PASTRY, JAM, &c.**

One teaspoonful equals 2 oz. of Sugar. 8d. a packet. Try one, you will be delighted. Sells like hot cakes! 3 doz. 22/-, 6 doz. 42/-, 1 gross £4. Cash with order. Carriage paid.

Saccharin Tablets (½ gr. in 1) £7 10 0 per lb.

Richard Hoult, 73 Elford Grove, Leeds.

## SACCHARINE TABLETS

¼ grain in one.

10,000 at 16/4 per 1 000  
25,000 at 16/2 per 1,000  
100,000 at 16/1 per 1,000

OR OVER.

Immediate Delivery Guaranteed. Postage & Packing 1/- extra

**THE B. & A. TRADING CO.**

6 St. George's Terrace, Regent's Park, London, N.W. 3.

Don't worry over the scarcity of Saccharin Tablets!

SELL

## SUCRON

(Sugar Substitute).

It sells at sight, and repeats follow as a matter of course. One Chemist repeated his order three times in a week, and in a month sold £100 worth.

7½d. size, 5/9 per doz.; 1½ size, 11/- per doz.; 2/3 size, 21/- per doz. A cheque for £2/4/3 will bring you 3 doz. 7½d., 1½ doz. 1½, 1 doz. 2/3, together with a Showcard and Window Bills. Terms Cash with Order direct only.

**THE GREENWICH LEMONADE CO.**  
209 Trafalgar Road, Greenwich.

## SACCHARIN TABLETS

(½ gr. 330 in 1)

	£	s	d.
1 lb. ...	7	10	0 per lb.
2 " ...	7	9	6 "
3 " ...	7	9	0 "
5 " ...	7	8	6 "
10 " ...	7	8	0 "
20 " ...	7	7	6 "
50 " ...	7	7	0 "
100 " ...	7	6	6 "

Cash with Order. Carriage Paid.

**SACCHARIN POWDER 550 strength**, in original containers of 1 lb., 10 lb. and 25 lb.

Spot or to arrive. Prices upon application.

**WALTON, Chemist, BATLEY, YORKS.**

## COTTON WOOL 2/2 per lb.

in 1 cwt. lots; 56 lb. at 2/2½. Carriage paid. Cash with order. Wrappers 3/6 extra, and are returnable. The wool is white, absorbent, and interleaved. Sample for stamp. Special price for bigger lots. Super quality at reasonable prices.

**JAS. Q. MILLS, Chemist, Platt Bridge, WIGAN**

## TEA SWEETENERS

"ASPANCO" BRAND.

ONE EQUAL TO A LUMP OF SUGAR.

16/- per 1000. Post Free. Cash with order.

**A. S. PRICE & CO. Ltd., Blackheath, Birmingham.**



# REDDGRAVE, BUTLER & CO.

ESSEX HOUSE, STRATFORD, E. 15.

*Telephone : STRATFORD 799.*

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APPROVED FOR THE MANUFACTURE OF

### **CAMPHORATED OIL**

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MINERAL OIL, WITH PROPERTIES APPROXI-  
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May be bought with the profit on a **£5** parcel of **BELL'S CEREGEN**, the All-British Proteid Nerve Food.

All the prices of this preparation are protected at **face value**, and you have the satisfaction of knowing that you are selling a food which for **purity**, **palatability** and **proteid value** is in the front rank.

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**BRITISH**

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